Lancaster Farming

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Participating in plaque presentation at national meeting of American Jersey Cattle Club are, from the left, James Cavanaugh, executive secretary; John M. White, recipient and featured speaker, head of Dairy Science Dept., VPI; and Charles McGinnis, pres.

500 at National Jersey meeting

BY ROBIN PHILLIPS
Staff Correspondent

WOOSTER, OHIO — The annual convention of the Jersey breeders of the American Jersey Cattle Club was held at the Ohio Agricultural Research and Development Center, Wooster, this week and was hosted by the Ohio Jersey Breeders Association, whose state club is celebrating its 100th year.

Among the 500-plus Jersey breeders attending, the dominant feeling was an overwhelming sense of pride in the Jersey breed organization, its leaders, and in what the Jersey cow has come to mean to dairymen across the nation.

"As stress has started to affect the dairy industry," the AJCC President, Charles McGinnis stated, "the prices of our cattle are affected less than any other breed."

Remarking about the success of the American Jersey Cattle Club in the past ten years, McGinnis stated, "It has been a team effort," as he continued to complement the past leadership, the dedicated staff, and a membership who has accepted advice and yet challenged opinions towards even higher goals. With this type of support, McGinnis continued to explain, the Jersey breed has become progressive, innovative, and competitive. He also stated that, "no other breed organization has such a large percentage of its membership so knowledgeable and involved in milk marketing," and proudly added that more and more leadership positions throughout the states are being filled by Jersey breeders, "far from normal according to our numbers."

(Turn to Page A20)

More ag funds eyed

HARRISBURG — Increased funding for agriculture has been placed in front of the State Legislature, but the extra monies primarily for research are still a long way from reality.

Rep. Samuel W. Morris, of Chester County, chairman of the House Ag and Rural Affairs Committee, this week introduced some three-quarters of a million dollars worth of amendements for agriculture in the Appropriations Bill, which were adopted by the membership. These amendements will need to be considered again, along with all other amendments when the House votes on a final appropriations bill. And then, there will be the further consideration in league with the State Senate.

The amendments introduced by Rep. Morris and passed by the House include:

–$300,000 to fund a study of the nutrient loading of the Chesapeake Bay.

–$115,000 for the study of Johne's Disease.

–$50,000 for the Department of Agriculture for other research.

–$60,000 for additional personnel at the Diagnostic Lab.

–$235,000 for additional personnel in Foods and Chemistry Section.

–And, one additional calibration truck for the Bureau of Weights and Measures.

Rare flu hits Lancaster flocks

BY DICK ANGLESTEIN

LANCASTER — At least five Lancaster County poultry flocks have been hit in an Avian Influenza outbreak, which has caused bird mortality and prompted the reinstatement of strict security measures to prevent its further spread.

The outbreak of the flu-like virus, which now is quite rare and hasn't been diagnosed in the U.S in chickens since 1976, has affected five layer and broiler flocks in the Manheim area and possibly a sixth flock of pullets.

Some of the flocks were quite large – 80,000 or 90,000 birds – and mortality rates, although not necessarily in the larger flocks, was 15 percent or so.

Jay Irwin, director of Lancaster County Extension, has recommended that strict security measures be reinstated, such as were used during the LT outbreak in 1978.

"This is the most serious outbreak we've had in our poultry operations since the LT in 1978," Irwin said.

"We're asking poultry operators to follow the same security measures, along with good cleanliness and control of rodents, stray animals and birds."

Recommended security measures include the padlocking of houses to strictly control access. Clean coveralls, disposable caps and rubber boots that are disinfected should be used. Even outside receptacles, if available, for feed deliverymen to use for leaving invoices are suggested.

While there is no transmission of the flu virus in eggs or meat from the flocks, it can be carried by humans from flock to flock. Stray cats or dogs and wild birds may transmit it.

It is suspected that wild ducks may be the carrier in the Lancaster County outbreak.

While now quite rare in chickens – the last big outbreak in the U.S. may have been in 1925 – it is more commonly found in turkeys.

The first case was discovered about the end of April, but confirmation was not immediate since veterinary personnel are not that familiar with the flu because of its rarity.

(Turn to Page A39)

Never too young to promote milk

Eighteen-month-old Lauren Daubert, daughter of Dean and Brenda Daubert, of Pine Grove, won't go anywhere without her favorite bib that helps promote milk. For more on the Pa. Brown Swiss Picnic, turn to Page C2.

Co-op ads, flat tires & milk bath

Here are a few items of special interest – unique and unusual – that have come into the Dairy Product Promotion Swap Shop in recent days.

Only a few will be mentioned to whet your appetite – for milk and its promotion, naturally.

Other Swap Shop comments and ideas can be found on Pages A10 and 12.

First, Lebanon County Young Farmers are taking the lead in attempting a year-round radio promotion of milk by cooperating dairy farmers. Spearheaded by the Northern Lebanon Chapter, the program hopes to sign up 40 dairy farmers on a $20.00 a month basis.

The money would buy 40 radio spots a week promoting milk on two Lebanon stations – WLBR and WUFM. If more farmers are signed up, the rate would be lower and the spots, which would be changed periodically, would continue year-round.

Both the Northern Lebanon and Cedar Crest YF Chapters are signing up dairy farmer members and more are hoped to be enrolled from other Lebanon County chapters.

The program would feature about three promotional spots a day on each of the AM and FM stations.

And, over in Ephrata, Elvin Hoover has found a great use for milk – it fixes flat tires.

He recommends three parts of milk and one part of vinegar. After mixing, remove valve stem and pour in the mixture.

His bicycle tire used to have a slow leak and would be flat only a half-day after it was inflated. But 10 days ago he discovered the milk-vinegar solution and no more flat tire.

And, as a bonus, it doesn't loosen patches the way commercial stop leaks do.

Speaking of unusual uses, there's the milk bath, too. Now, we've heard of such baths for strictly beauty sake. But, there's a practical milk bath in agriculture, particularly in Lancaster County.

If you smoke and grow tobacco, it's best to wash off with milk before going out into the fields. The milk rinse helps prevent spreading tobacco mosaic disease to your plants.

Other Swap Shop tips – some a bit more practical – can be found on Pages A10 and 12.

This week's

Shop wap

REAL

Lancaster crowns dairy princess

Boni Gochenaur, 17-year-old daughter of Mr. and Mrs. Robert Gochenaur, 419 Penn Grant Road, is the new Lancaster County Dairy Princess. Her story is on Page B14 with much more dairy royalty scattered throughout that section.

Livestock market and auction news

Lancaster Market

Monday, June 20
Report Supplied By USDA

	Cattle	Calves	Hogs	Sheep
Today	1701	170	925	648
Last Monday	1769	157	809	372
Last Year	1375	96	1065	225
Monday's Auction	1657	188	910	657
Last Monday's Auction	1778	154	810	371

CATTLE: Compared to last Monday slaughter steers 1.00 to mostly 1.50 lower, instances 2.00 lower; slaughter heifers 50-1.00 lower; cows mostly steady; bullocks mostly steady; bulls 3.00-5.00 higher. Supply included 73% slaughter steers, 12% slaughter heifers, 9% cows, and 6% bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1135-1400 lb. 63.75-66.10, about 10 head 66.10-66.85; Choice 2-4 950-1350 lb. 61.75-64.75; high Good and low Choice 2-3 60.00-62.25; Good 2-3 57.00-61.00; Good and Choice 1200-1500 lb. Holsteins 55.00-59.00; Standard 1-2 53.00-55.50.

SLAUGHTER HEIFERS: Choice 2-3 900-1075 lb. 59.00-62.00, few head Choice and Prime 2-3 62.00-64.10, Choice 2-3 800-900 lb. 56.75-59.00; Good 2-3 900-1150 lb. 55.00-59.00, 750-900 lb. 53.00-57.00.

COWS: Utility and Commercial 1-3 46.50-49.00, few 49.00-49.50, with about 10 head Utility and Good heiferettes 50.00-54.00; Cutter 1-2 44.00-46.00, few 46.00-47.00; Canner and low Cutter 42.00-45.00.

BULLOCKS: Choice 1000-1350 lb. 58.75-61.25, couple 61.50-61.75; Good 1000-1250 lb. 54.00-58.75.

BULLS: Yield grade 1 1200-2250 lb. 59.00-63.50, few 65.00-67.60; yield grade 2 1000-1350 lb. 54.00-59.00.

VEAL CALVES: Vealers mostly steady, instances 5.00 lower; slaughter calves steady to 5.00 lower. Demand fair for Holstein bulls to return to farm. Supply included around 25 head Choice and Prime special fed 270-350 lb. bought to arrive at 125.00-128.00.

VEALERS: Choice 160-280 lb. 90.00-105.00, few 105.00-110.00; high Good and low Choice 160-250 lb. 70.00-90.00, 120-160 lb. 60.00-72.00, 80-115 lb. 45.00-60.00.

SLAUGHTER CALVES: Good and Choice 150-400 lb. 55.00-70.00, 400-600 lb. 50.00-60.00.

RETURNED TO FARM: Bulk 90-115 lb. Holstein bulls 70.00-90.00, few 90.00-95.00. Few 95-115 lb. Holstein heifers 70.00-80.00.

SHEEP: Spring lambs 3.00-4.00 lower; slaughter ewes steady. Supply included around 120 goats, sold by the head.

SPRING LAMBS: Choice and Prime 75-105 lb. 54.00-60.00; Choice 70-90 lb. 52.00-56.00; Good 50-90 lb. 48.00-55.00.

SLAUGHTER EWES: Utility and Good 15.00-25.00, few 10.00-15.00.

GOATS: Bulk mature goats 35.00-45.00; few billies 50.00; kid goats mainly 20.00-35.00.

Vintage Auction

Tuesday, June 21
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1375	832	9	5
Last Tuesday	1376	776	18	1
Last Year	1253	775	45	15

CATTLE: Compared to last Tuesday slaughter steers uneven, average Choice to Prime steady to weak, Good to low Choice steady to 50 higher; slaughter heifers steady; cows uneven, Utility and Commercial 1.00-1.50 lower; Canner and Cutter steady to weak; bulls 1.00-3.00 higher. Supply included 69 percent slaughter steers, 2 percent slaughter heifers, 24 percent cows, with the balance bulls.

SLAUGHTER STEERS: High Choice and Prime 3&4 1200-1450 lb. 64.75-66.85, few 67.00-67.75, with six head 68.00-69.25; Good and Choice 1-2 66.50-67.60, six head 68.00-69.75; Choice 2-4 1000-1350 lb. 62.60-65.25; high Good and low Choice 2-3 60.00-62.50; Good 2-3 55.25-60.00; Good and Choice 1175-1350 lb. Holsteins 55.35-58.00; Standard 1-2 50.00-54.25.

SLAUGHTER HEIFERS: Choice 2-3 900-1150 lb. 57.00-60.50, couple high Choice and Prime 3-4 62.75-64.00; Good 2-3 800-1050 lb. 55.00-57.50.

COWS: Utility and Commercial 1-3 46.00-49.75, few 50.00-52.00; Cutter 1-2 44.00-48.00, few 48.00-49.25; Canner and low Cutter 42.00-44.00.

BULLS: Yield grade 1 1300-1800 lb. 59.00-63.35, individual 2230 lb. 69.00; yield grade 2 1000-1375 lb. 53.50-58.00.

VEAL CALVES: Vealers 3.00-5.00 lower, instances 10.00 lower on high Good and low Choice 80-115 lb. Supply included 586 in graded sale of which 48 percent sold to return to farm.

VEALERS: Choice 145-260 lb. 84.00-91.00; high Good and low Choice 160-280 lb. 75.00-85.00, 120-160 lb. 63.00-75.00, 80-120 lb. 52.00-65.00, 70-80 lb. 46.00-53.00; Standard 80-105 lb. 45.00-54.00.

RETURNED TO FARM: 45 head 100-115 lb. Holstein heifers 83.00-86.00; 15 head 90-95 lb. 61.50; 220 head 120-125 lb. Holstein bulls 75.50-81.50.

SHEEP: Insufficient volume for a market test.

GOATS: Few goats sold by the head at 26.00-44.00.

Lancaster Auction

Wednesday, June, 22
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	290	25	616	7
Last Wednesday	416	31	738	12
Last Year	514	33	940	10
Wednesday's Auction	280	28	538	7
Last Wednesday's Auction	250	30	729	12

CATTLE: Compared to Monday a small supply slaughter steers 50-1.00 lower, with Holsteins 2.00-3.00 lower; slaughter heifers steady to 1.00 lower; cows 1.00-2.00 lower; bulls and bullocks not fully tested, few sales bulls 1.00-2.00 lower. Supply included 56 percent slaughter steers, 16 percent slaughter heifers, 19 percent cows, and 9 percent bulls.

SLAUGHTER STEERS: Choice 2-3 1050-1250 lb. 61.00-62.50, few head 63.00-63.85; high Good and low Choice 2-3 900-1300 lb. 59.00-62.00; few Good 2-3 58.00-60.00; Good and Choice 1200-1400 lb. Holsteins 55.00-56.25; Standard 1-2 52.00-53.75.

SLAUGHTER HEIFERS: Choice 2-3 900-1025 lb. 59.00-62.00, 750-850 lb. 55.00-58.00.

COWS: Utility and Commercial 1-3 44.25-46.75, few 47.00-48.00; several Commercial and Good heiferettes 47.00-53.25; Cutter 1-2 43.00-45.00, couple 45.50-47.00; Canner and low Cutter 41.00-42.50.

BULLOCKS: Choice 1000-1250 lb. 59.25-60.25, couple 62.85-63.00; Good 1000-1250 lb. 56.00-58.00.

BULLS: Few yield grade 1 1400-1960 lb. 56.00-60.10.

VEAL CALVES: Insufficient volume for a market test. Few high Good and low Choice 80-115 lb. vealers 55.00-60.00.

SHEEP: No market test.

New Holland Livestock

Thursday, June 23
Report supplied by USDA

CATTLE: 2002. Compared to last Thursday slaughter steers 1.00-2.00 lower; slaughter heifers weak to 1.00 lower; cows mostly 5.00 lower, instances 6.00-8.00 on Utility; bullocks steady to 2.00 lower; bulls mostly steady. Supply included 73 percent slaughter steers, 17 percent cows, 7 percent bulls with the balances slaughter heifers and feeders.

SLAUGHTER STEERS: High Choice and Prime 3-4 1200-1450 lb. 62.85-65.60, around 30 head 65.75-66.85; Good and Choice 1-2 1100-1350 lb. 63.50-65.50; Choice 2-4 1050-1375 lb. 61.00-65.00, mainly 61.75-64.35, few Choice 2-3 975-1050 lb. 60.25-62.50; high Good and low Choice 2-3 58.00-61.85; Good 2-3 56.00-59.00; Good and Choice 1200-1450 lb. Holsteins 53.25-56.00; Standard 1-2 49.00-53.50.

SLAUGHTER HEIFERS: Choice 2-3 975-1050 lb. 57.50-58.75, couple 59.00-60.00; Good 2-3 730-1000 lb. 50.50-55.50.

COWS: Utility and Commercial 1-3 43.50-45.25, few 45.50-46.85; Commercial 3-4 42.75-44.50; Cutter 1-2 41.75-44.75, few 45.00-46.75; Canner and low Cutter 37.00-41.50.

BULLOCKS: Choice 1050-1350 lb. 58.50-59.50, couple 60.00-61.60; Good 1000-1300 lb. 51.00-57.00.

BULLS: Yield grade 1 1300-1900 lb. 54.50-59.00, few 59.50-62.10; yield grade 2 1000-1350 lb. 51.00-55.00.

VEAL CALVES: 616. Vealers over 150 lb. 15.00-20.00 lower, 80-150 lb. 5.00-10.00 lower. Demand no more than fair for Holstein bulls to return to farm.

VEALERS: Choice 160-250 lb. 70.00-78.00, couple 80.00-85.00; high Good and low Choice 150-280 lb. 60.00-70.00, 120-150 lb. 58.00-65.00, 80-115 lb. 50.00-58.00, few 60-80 lb. 45.00-50.00.

RETURNED TO FARM: Bulk 95-115 lb. Holstein bulls 62.00-70.00, few 72.00-80.00, 85-95 lb. 58.00-64.00.

SHEEP: 32. Spring lambs 3.00-4.00 lower.

SPRING LAMBS: Good 55-85 lb. 48.00-56.00, few Choice 59.00-62.00.

GOATS: 47. All goats sold by the head, bulk 16.00-32.00, couple 38.00-44.00, few kids 8.00-15.00.

Lancaster Co. Weekly

Friday, June 24

	Cattle	Calves
This Week	5700	1700
Last Week	5839	1562
Last Year	4964	1356

CATTLE: Slaughter steers 1.00-2.00 lower; heifers .50-1.00 lower; cows closed weak, mostly 5.00 lower, instances 6.00-8.00 lower on Utility; bullocks steady to 2.00 lower; bulls closed steady to 1.00 lower after opening 2.00-4.00 higher. Supply included 66 per cent slaughter steers, 6 per cent slaughter heifers, 15 per cent cows, 6 per cent bulls, balance feeders.

SLAUGHTER STEERS: High Choice and Prime 3-4 1200-1450 lbs. 62.85-65.75, several mainly early part of week 66.00-67.00; Good and Choice 1-2 1100-1350 lbs. 64.50-66.50, 6 head early 68.00-69.75; Choice 2-4 1000-1350 lbs. 61.00-65.25, mainly 61.75-64.50; few Choice 2-3 975-1050 lbs. 60.25-62.50, high Good and low Choice 2-3 58.00-62.50, Good 2-3 55.00-60.00; Good and Choice 1175-1450 lb. holsteins 53.25-56.25, few early part of week 56.50-59.00, Standard 1-2 49.00-54.00.

SLAUGHTER HEIFERS: Choice 2-3 900-1150 lbs. 57.50-62.00, few head Choice and Prime 2-3 62.00-64.10; Good 2-3 800-1150 lbs. 55.00-59.00, few 700-850 lbs. 50.50-56.50.

COWS: Utility and Commercial 1-3 closed at 43.50-45.25, few to 47.00, several early part of week 48.00-50.00, Cutter 1-2 closed at 41.75-45.00, few 45.00-47.00, Canner and low Cutter 37.00-41.50.

BULLOCKS: Choice 1000-1350 lbs. 58.50-61.00, few 61.00-63.00; Godo 1000-1250 lbs. 51.00-58.00.

BULLS: Yield Grade 1 1300-1900 lbs. 54.50-59.00, several early part of week 59.00-63.50, few 65.00-67.60; Yield Grade 2 1000-1350 lbs. closed at 51.00-55.00.

VEAL CALVES: Vealers uneven, gradually 5.00-10.00 lower with weights of 150 closing 15.00-20.00 lower. Demand no more than fair for holstein bulls and heifers.

VEALERS: One lot prime special fed 270-350 lbs. bought to arrive early part of week at 125.00-128.00, Choice 160-250 lbs. closed at 72.00-80.00, few early part of week 85.00-105.00, high Good and low Choice 150-280 lbs. 60.00-75.00, 120-150 lbs. 58.00-70.00, 80-115 lbs. 50.00-58.00, few 58.00-65.00, 60-80 lbs. 45.00-54.00.

RETURN TO FARM: Few 100-115 lb. holstein heifers 70.00-86.00, few 90-100 lbs. 60.00-70.00; bulk 95-110 lb. holstein bulls 70.00-81.50, with late sales 62.00-70.00, few 85-95 lbs. 58.00-64.00.

HAY, STRAW & CORN
— SALE —
Every Friday at 12 Noon
GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-733-2334
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only.

VINTAGE SALES STABLES, INC.
Sale Every Tuesday
11 A.M.
Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.
Get calves in early. We start to grade and weigh at 2:00.
Sale Every Wednesday & Saturday
9 A.M.
Hog Sale
Business Phone
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Home Phone
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L. Robert Frame, Manager
Box 100 Paradise, PA
10 miles East of Lancaster on Rt. 30

B&R CATTLE CO.
RD1, Marietta, PA 17547
Office Phone:
(717) 653-8164
Specializing In Stockers & Feeders
JOHN BOWMAN
Ph (717) 653-5728
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LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Route 22
PHONE:
JONESTOWN
865-2881
Sale every Tuesday at 1:30 P.M starting with feeder cattle and pigs.
Also Hay Sale every Tuesday at 12:30

Open 24 hours a day
365 days a year
(717) 394-2611
AUCTIONS
MONDAY & WEDNESDAY
10:00 A.M. — Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. — Veal Calves, Lambs, Hogs
TUESDAY
10:00 A.M. — Slaughter Hogs
1:00 P.M. — Feeder Pigs
FRIDAY
11:00 A.M. — Stocker and Feeder Cattle
SATURDAY
9:30 A.M. — Slaughter Hogs
GRADED FEEDER CATTLE SALE
FRIDAY, JULY 1
CLOSED SAT., JULY 2
OPEN MON., JULY 4-
INDEPENDENCE DAY
BUSINESS AS USUAL
AUCTION SALE BEGINS 9 A.M.
INSTEAD OF 10 A.M.
LANCASTER STOCKYARDS, INC.
1147 Lititz Pike Lancaster, Pennsylvania 17601
Serving The Community For 87 Years

HOG MARKETS

Lancaster Feeder Pigs

Tuesday, June 21
Report supplied by USDA

Today	887
Last Tuesday	1044
Last Year	1028

TREND: Compared to last Tuesday feeder pigs 5.00-15.00 higher, mainly 10.00-12.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 99 head 27-39 lbs. 77.50-88.00; 19 head 35-38 lbs. 67.00-72.00; 216 head 40-49 lbs. 64.00-76.00; 127 head 41-49 lbs. 80.00-82.00; 201 head 50-59 lbs. 64.00-76.00; 34 head 60-65 lbs. 65.00-71.50; 14 head 88 lbs. 51.50.

US 2-3: 42 head 38-55 lbs. 55.00-59.00.

New Holland Feeder Pigs

Wednesday, June 22
Report supplied by USDA

Today	547
Last Wednesday	573
Last Year	433

TREND: Compared to last Wednesday feeder pigs 10.00-20.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 56 head 30-39 lbs. 85.00-100.00; 121 head 40-49 lbs. 80.00-100.00; 92 head 50-59 lbs. 73.00-79.00; 38 head 63-67 lbs. 89.00-95.00; 32 head 70-79 lbs. 66.00-84.00.

US 2-3: 48 head 32-39 lbs. 90.00-92.00; 48 head 40-50 lbs. 80.00-95.00.

New Wilmington Feeder Pigs

Friday, June 17
Report Supplied By Auction

1400 PIGS. Averaged 43 lbs. $29.45 per pig & $66.83 cwt. US No. 1-2 20-30 lbs. 79.00-91.00, 30-40 lbs. 75.00-90.00, 40-50 lbs. 56.00-83.00, 50-60 lbs. 54.00-63.00, 60-80 lbs. 50.00-57.00; No. 3 20-30 lbs. 72.00-75.00, 30-40 lbs. 72.00-78.00, 40-50 lbs. 65.00-70.00, 50-60 lbs. 50.00-56.00.

Vintage Hogs

Vintage Sales Stables
Saturday, June 18
Report supplied by auction

US 1 & 2, 205-235 lbs., 48.00-50.25; 2 and 3, 200-245 lbs., 46.00-48.00; Sows, 300-500 lbs., 37.00-39.00; Boars, 200-300 lbs., 39.00-40.00.

Wednesday, June 22

US 1 & 2 205-235 lbs., 46.00-47.10; 2 and 3, 200-245 lbs., 45.00-46.00; Sows, 300-500 lbs., 34.00-35.25; and Boars, 300-600 lbs., 34.00-35.25.

New Holland Hogs

Monday, June 20
Report supplied by USDA

Today	1686
Last Monday	1650
Last Year	1284

TREND: Compared to last Monday barrows and gilts .50-1.00 lower.

BARROWS AND GILTS: US 1-2 200-245 lb. 48.50-49.35.

US 1 205-245 lb. 49.75-51.00.

US 1-3 210-265 lb. 47.00-47.50.

Indianapolis Hogs

Thursday, June 23
Report supplied by USDA

1100 - (Ran 300 over estimated 800) 50 lwr, instances 1.00 off on wts over 250 lb.

BARROWS AND GILTS: US 1-2 215-250 lb. 46.00-46.75, 100 head 47.00.

SOWS: Active, fully steady. (8%) US 1-3 350-500 lb. 34.00-35.00; 500-600 lb. 35.00-36.00, few packages around 600-625 lb. 37.00. US 1-3 & Medium few 300-400 lb. 32.00-33.00.

BOARS: Over 300 lb. 33.00.

St. Louis Hogs

Thursday, June 23
Report supplied by USDA

3500 - Barrows & gilts moderate, weights under 250 lb. firm to .50 higher, weights over 250 lb. steady to .50 lower.

BARROWS & GILTS: US 1-2 210-250 lb. 46.00-46.50. US 1-3 220-250 lb. 45.50-46.00; 250-270 lb. 43.50-45.50.

SOWS: .50-2.00 higher. (About 12%) US 1-3 300-500 lb. 35.00 to mostly 35.50; 500-650 lb. 36.00-39.00, mostly 36.00-38.00.

BOARS: Over 250 lb. 34.50; 200-250 lb. 38.00-38.50.

Peoria Hogs

Thursday, June 23
Report supplied by USDA

2000 - Barrows & Gilts moderate, steady.

BARROWS AND GILTS: US 1-2 200-240 lb. 46.00-47.00; US 1-3 200-250 lb. 45.00-46.00.

SOWS: .75-1.00 higher. (14%) US 1-3 350-500 lb. 36.00-36.25; 500-650 lb. 36.50-37.00.

BOARS: Over 350 lb. 34.00; 250-350 lb. 32.00-33.00; under 250 lb. 39.00-41.00.

Lancaster Hogs

Lancaster Stockyards
Monday, June 20
Report supplied by USDA

HOGS: Compared to Wednesday barrows and gilts .50-1.00 higher; Sows 1.00-1.50 lower.

BARROWS AND GILTS: US 1-2 200-240 lb. 47.85-48.75. US 1 210-250 lb. 49.25-50.00. US 1-3 220-260 lb. 47.00-47.75.

SOWS: US 1-3 300-650 lb. 35.00-38.00, mainly 36.00-37.50.

Tuesday, June 21

Today	229
Last Tuesday	96
Last Year	257

TREND: Compared to Monday barrows and gilts 2.00-2.50 lower.

BARROWS AND GILTS: US 1-2 210-245 lb. 45.35-46.50, one lot 44.85. US 1-3 220-260 lb. 44.00-45.00.

Wednesday, June 22

HOGS: Compared to Tuesday barrows and gilts .50, instances 1.00 higher; Sows 2.00-3.00 lower.

BARROWS AND GILTS: US 1-2 210-245 lb. 46.00-47.00, few 47.00-47.50. US 1 210-250 lb. 47.75-48.75. US 1-3 220-270 lb. 44.00-46.00.

SOWS: US 1-3 300-650 lb. 32.00-34.00.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter — Thursday, June 23
Report supplied by USDA — Under Federal Inspection

	CATTLE	CALVES	HOGS	SHEEP
Week to Date (Est.)	515,000	39,000	1,182,000	87,000
Same Period Last Week (Est.)	540,000	36,000	1,183,000	95,000
Same Period Last Year (Act.)	488,000	37,000	1,128,000	85,000

Chicago Grain Futures

(Closing Bids as of Thursday, June 23)

	Corn	Wheat	Soybeans	Soybean Meal
July	3.18½	3.49¼	6.08	175.80
Sept.	3.02¾	3.60½		
Oct.				180.00
Nov.			6.29	
Dec.	2.83¾	3.74½		184.60
Jan.			6.40	

Trend - Corn is higher, Wheat is higher, Soybeans are lower, Soybean Meal is lower.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

North Jersey Livestock

Hackettstown, N.J.
Tuesday, June 21
Report supplied by auction

Calves 30.00-89.00; Cows 36.75-54.75; Easy Cows 15.00-45.75; Heifers 44.50-56.25; Bulls 42.00-60.75; Steers 48.00-62.25; Hogs 34.00-65.00; Roasting Pigs, each 18.00-35.00; Kids ea. 5.00-47.00; Boars 31.00-34.00; Sows 27.00-36.00; Sheep 7.00-33.00; Lambs, each 10.00-58.00; Lambs per lb. 30.00-63.00; Goats, each 12.00-59.00.

Futures Trading

(Closing Bids as of Thursday, June 23)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
July		46.22	
Aug.	62.37	43.50	
Oct.	58.45		
Nov.			7.22
Dec.		40.67	
Feb.	59.25		

Trend - Cattle are lower, Hogs are lower, potatoes are lower.

Market Provided by Commodity Department Dean Witter Reynolds, Inc.

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For market information contact Ken Smoker or Ollie Nagle at 717-397-5136.

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CLOSED SATURDAY, JULY 2
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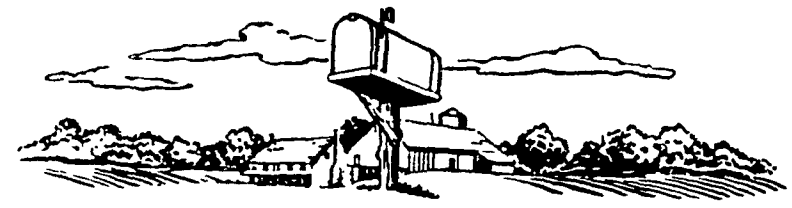


In this issue

Four Sections

Editorials

Editorially speaking A10

Dairy

Moyer Farm A28
Bucks County Jerseys A36
Lancaster dairy princess B14
SUN dairy princess B14
Adams dairy princess. B14
Lebanon dairy princess B21
Bucks dairy princess B25
Cumberland dairy princess B27
New Swiss Miss C2
York DHIA C7
Berks Dairy Night D8
Lancaster DHIA D21
Berks DHIA D26

Departments

Farm Calendar A10
Mailbox Markets B29
Classified Ads B31 & C11
Farm Business news D2
Public Auction D27

Columns

Now is the time A10
Ida's Notebook B5
Craft Corner B18
Ladies, have you heard? B19
On being a farm wife B22
Seeding, weeding B26
Brockett's Ag Advice C4
The Milk Check C5
Farm Talk C6
Dairy Pipeline D20

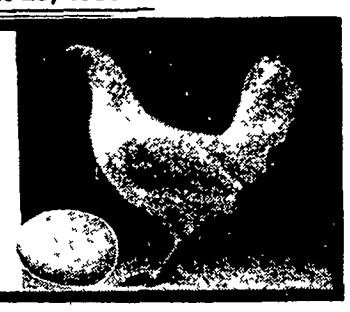
Home and Youth

Homestead Notes. B2
Home on the Range B6
Kid's Korner B10
Farm Women news B17
FFA news B20
FFA winners. D18

Highlights

Berks 4-H Center A24
Crawford Wool Pool A27
York Farm tours A35

POULTRY MARKETS



Weekly New York Egg Market

From Friday, June 17 to June 24

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	86	86	86	84	82
Ex Large	82	82	82	80	78
Large	76	76	76	74	72
Mediums	64	64	64	62	60
Pullets	48	48	48	46	45
Off Grade					
Large	70	70	70	68	66
BROWN					
Jumbo			–	–	–
Ex Large	89	89	89	89	87
Large	85	85	85	85	82
Mediums	65	65	65	65	62
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Undergrades	45	45	45	45	43
Checks	43	43	43	43	41

Breaking Stock: Friday-Monday 15.00-15.30; Tuesday-Wednesday 14.70-15.30; Thursday 14.10-14.70.

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	June 21 Tuesday	June 23 Thursday
Class 1 - Large	48 lbs.	59½	56½
Class 2 - Large	45 lbs.	54½	49½
Class 3 - Medium	42 lbs.	48½	46
Class 4 - Small	39 lbs.	36	36
Breaking Stock	48 lbs.	50	50
Checks	48 lbs.	45	45

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, June 21
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range 1.50-1.62 per lb.

MUSCOVY DUCKS, HENS: range 1.42-1.58 per lb.

PEKIN DUCKS: range .30-.44 per lb.

PULLETS: 5-7 lbs. range .32-.44 per lb.

RED FOWL: 4-5 lbs. range .20-.28 per lb.

RED FOWL: 5-6 lbs. range .24-.36 per lb.

CROSSBRED FOWL: 6-9 lbs. range .22-.36 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .30-.62 per lb.

CROSSBRED ROOSTERS: 7-11 lbs. range .22-.48 per lb.

GUINEA FOWL: range 1.80-1.94 per lb.

BANTY ROOSTERS: range 2.25-3.60 ea.

BANTY HENS: range .75-1.50 ea.

GEESE: 9-13 lbs. range .30-.74 per lb.

TURKEYS: 12-23 lbs. range .22-.28 per lb.

LEGHORN HENS: range .04-.22 per lb.

LEGHORN ROOSTERS: range .22-.30 per lb.

BROILERS: 4-6 lb. range .20-.28 per lb.

BUNNIES: range .25-2.00 ea.

PIGEONS: range 1.00-1.30 ea.

WHITE PIGEONS: range 1.25-1.75 ea.

RABBITS: 4-6 lbs. range .10-.46 per lb.

RABBITS: 7-12 lbs. range .10-.34 per lb.

GUINEA PIGS: range .25-1.75 ea.

GOATS: range 20.00-52.00 ea.

KID GOATS: range 16.00-22.00

TOTAL AMOUNT COOPS: 1,104

N. E. Weekly Shell Egg Report

Tuesday, June 21
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	94-96	91-93	73-75	56-58
Mostly	94	91	73	56
N. HAMP.	85-89	82-86	63-67	44-48
Mostly	87	84	65	46
R.I.	86-92	83-89	64-70	45-51
Mostly	86-88	83-85	64-66	45-47
VERMONT	95-98	89-94	75-82	–
Mostly	97	94	75	–
MAINE	93-97	89-94	71-75	53-56

X Includes Central and Western Sections only.

New York Multiple Drop Broiler Report

Thursday, June 23
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A 48-53.

WTD. AVG.: U.S. Grade A 52.32; Boxes 12,510.

Philadelphia Eggs

Thursday, June 23
Report supplied by USDA

MARKET COMMENT: Prices are higher; however trade sentiment is weak at these levels. Distributive and retail demand ranges slow to fair. Both supplies and offerings are ample at most points.

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large 72-75; A Large 71-74; A Medium 58½-61.00.

Keister's Livestock

Middleburg, Pa.
Tuesday, June 21
Report Supplied By Auction

CATTLE 404. Choice slaughter steers 63.00-65.86, Good 58.00-64.35, Standard 55.00-58.00, Utility 48.00-55.00. Choice slaughter heifers 60.25-63.35, Good 56.00-61.75, Standard 52.00-56.00, Utility 45.00-52.00. Utility & Commercial slaughter cows 48.00-51.60, few 53.60, Cutters 46.00-51.10, Canner & Low Cutters 40.00-46.00, Shells down to 38.00. Choice slaughter bullocks 60.00-62.60, Good 55.00-60.00. Yield Grade #1 1200-2165 lbs. slaughter bulls 59.00-61.35, #2 800-1200 lbs. 48.00-59.00.

CALVES 248. Prime vealers 90.00-98.00, Choice 72.00-87.50, Good 65.00-72.00, Standard & Good 90-110 lbs. 60.00-70.00, 70-90 lbs. 50.00-60.00.

HOGS 583. US No. 1-2 210-235 lbs. barrows and gilts 47.85-48.85, few lots 50.75, No. 1-3 2-250 lbs. 47.00-47.85, No. 2-3 190-270 lbs. 44.00-47.00. US No. 1-3 320-510 lbs. sows 37.25-39.25, No. 2-3 315-465 lbs. 35.00-37.25. Boars 33.25-37.

FEEDER PIGS 504. US No. 1-3 10-25 lbs. feeder pigs 15.00-25, No. 1-3 25-50 lbs. 25.00-45.00 per head.

SHEEP 46. Choice 50-110 lbs. spring slaughter lambs 55.00-67.00. Slaughter ewes 10.00-35.00.

Eastern Pa. & N.J. Poultry

Thursday June 23
Report supplied by USDA

Market Comment: Prices generally higher for this week's bookings. And holding relatively steady for next week's arrivals. Offerings of live remain light and are adequate to short of full plant schedules. Canner pack movement is only fair at best.

Prices Paid at Farm: Light Type Hens: 10-11½, mostly 10½-11.

F.O.B. Plant: 12½-13, mostly 13.

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Record-Express Office Building
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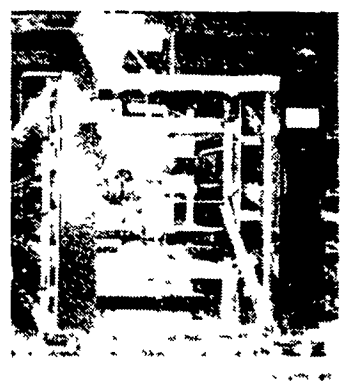

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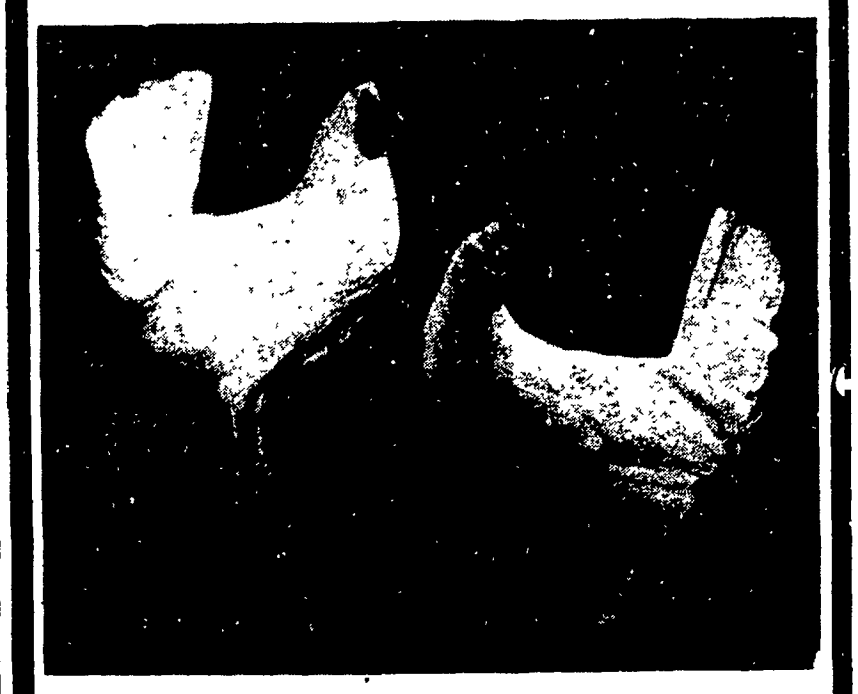

According to Waymon Halbrook, University of Arkansas Agricultural Economist, in todays poultry economy the difference between losing and making money on your flock could be in the last ½ dozen eggs each hen in your house produces. DeKalb layers are consistently leading the competition in total profit performance which includes egg numbers. What are you basing your next pullet chick order on? A penny or two savings on chick cost? OR 25¢ per pullet housed on egg income? That's $15,000 on a 60,000 bird house. YOU BE THE JUDGE!

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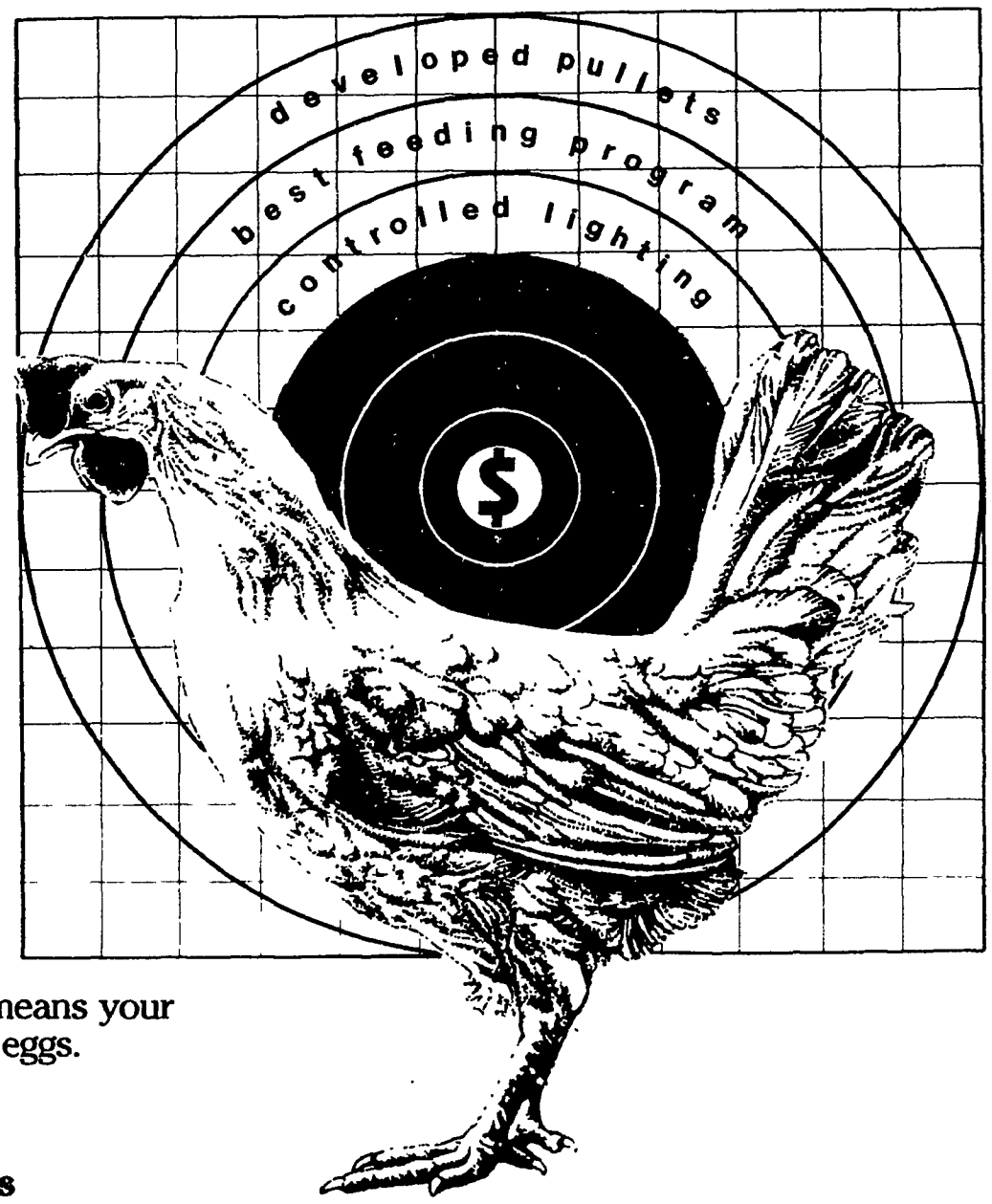

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Quality - Performance - Service

HAY MARKETS

Regional Hay

Friday, June 17
Report supplied by PDA

(All hay No. 2 and better, prices paid by dealers at the farm and per ton).

New crop hay on the market in most areas; little old hay offered. New straw on the market.

New Alfalfa 55.00-75.00; few Old Crop 90.00-100.00; few Mixed hay 50.00-70.00; few Old Crop 60.00-70.00; New Timothy hay 40.00-60.00; few Old Crop 60.00-70.00; Straw 50.00-60.00; Mulch 25.00-40.00.

Green Dragon Hay

Ephrata, Pa.
Friday, June 17
Report supplied by PDA

58 loads hay and 15 loads straw.

Alfalfa 50.00-67.00, one load 100.00; Mixed hay 35.00-120.00, mostly 45.00-74.00; Timothy hay, few 63.00-79.00; Orchard Grass, few 41.00-63.00; Straw 69.00-90.00, few down to 45.00; Ear Corn, 13 loads 92.00-104.00, one load 83.00.

King's Auction

Kirkwood, PA
Tuesday, June 21

Good hay, high 90s; Straw, high 80s and low 90s.

New Wilmington Hay

New Wilmington, Pa.
Friday, June 17
Report supplied by PDA

12 loads hay and 4 loads straw.

Mixed hay 50.00-70.00, one load 35.00; Timothy hay, few 47.50-60.00; Straw 45.00-54.00; Ear Conr, 6 loads 100.00-103.00; Oats, 3 loads 1.50-1.75 per bushel; Speltz, one load 1.70 per bushel.

Leinbach's Hay

Shippensburg, Pa.
Tuesday, June 21
Report supplied by auction

17 loads.

Mixed hay, 50.00-84.00; Timothy, 37.50; Straw, 66.00-87.00; Rye Straw, 35.00; and Ear Corn, 104.00-105.00.

Keister's Hay

Middleburg Auction
Tuesday, June 21

15 loads.

Mixed hay, 57.50-74; Straw, 65-77.50; Oats, 1.90 a bushel.

Pa. Grain

Monday, June 20
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa. Corn unevenly steady to 5 cents higher. Wheat, Oats and Ear Corn steady to weak. Barley steady to weak as new crop is now on the market in southern areas.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 3.40-3.65, average 3.54, New Crop 2.70-2.86; Wheat No. 2 range 3.40-3.65, average 3.48, New Crop 3.32-3.54; Barley No. 3 range 1.90-2.15, average 2.09; Oats No. 2 range 1.75-1.95; average 1.80; Soybeans No. 1 range 5.70-5.75, average 5.73, New Crop 5.70-5.73; Grain Sorghum #2 range 2.90, average 2.90; Ear Corn range 90.00-99.00, average 95.14.

Central Pa.

Corn No. 2-y range 3.40-3.60, average 3.51; Wheat No. 2 range 3.20-3.45, average 3.36; Barley No. 3 range 1.85-2.00, few reported 2.20, average 2.01; Oats No. 2 range 1.50-1.85, average 1.72; Grain Sorghum #2 range 3.15, average 3.15; Ear Corn range 87.00-97.00, average 91.55.

South Central Pa.

Corn No. 2-y range 3.30-3.65, average 3.49; Wheat No. 2 range few reported 2.95-3.40, average 3.15; Barley No. 3 range 1.65-2.00, average 1.83; Oats No. 2 range 1.70-1.95, average 1.82; Ear Corn range 85.00-100.00, average 92.58.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.40-3.65, average 3.52; Wheat No. 2 range 3.20-3.60, average 3.38; Barley No. 3 range 1.80-2.15, average 2.00; Oats No. 2 range 1.60-1.95, average 1.76; Ear Corn range 87.00-100.00; average 93.05.

Western Pa.

Corn No. 2-y range 3.20-3.60, average 3.33; Wheat No. 2 range 3.10-3.50, average 3.21; Barley No. 3 range 1.95, average 1.95; Oats No. 2 range 1.60-1.75, average 1.66; Ear Corn range 80.00-89.00, average 84.00.

New Holland Hay Market

Monday, June 20
Report supplied by auction

Alfalfa, 51.00-104.00; Mixed Hay, 35.00-91.00; Timothy, 68.00-101.00; Corn, 66.00-105.00; Straw, 44.00-100.00; and Oats $1.85.

Good's Hay

Leola, Pa.
Wednesday, June 22
Report supplied by auction

77 loads.

Mixed hay, 51.00-88.00; Corn, 87.00-114.00; Alfalfa, 47.00-90.00; Clover, 57.00; Corn fodder, 50.00; Straw, 49.00-98.00; Timothy 56.00-90.00; Oats, 1.95-2.40.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, June 21
Report supplied by auction

Beef Cows: Utility and Commercial 47.25-50.35; Cutters 44.85-47.10; Canners 41.10-44.50; Shells 38.50.

Heifers: Good 54.25-58.00; Standard 50.10-52.25; Commercial 42.50-48.20.

Steers: Good 54.10-59.00; Standard 46.35-53.55.

Bulls: Good 56.50-58.10; Standard 53.10-55.75.

Feeder Cattle: 300-500 lbs. large frame 62.00-77.00; 300-500 lbs. small frame 51.00-56.00; 500-700 lbs. large frame 46.00-52.00.

Veal Calves: Choice 86.25-94.25; Good 74.00-85.50; Standard 62.00-73.25; Utility 53.00-61.00.

Farm Calves: Bulls 78.00-96.00; Heifers 74.00-92.00.

Hogs: 45.20-46.50.

Sows: 33.75-34.25.

Boars: 30.00-31.00.

Shoats: 25-30 lbs. per head 25.00-31.00; 30-35 lbs. per head 33.00-36.00; 35-50 lbs. per head 40.00-51.00.

Lambs: per head 50.00-60.50.

Belknap Livestock

Dayton, Pa.
Wednesday, June 22
Report Supplied By PDA

CATTLE 147. Compared with last Wednesday's market, slaugther cows $3 lower. Couple Good slaughter steers 54.50 and 59.00, few Standard 50.00-52.00. One Choice slaughter heifer at 55.00, few Good 50.00-55.00, few Standard 46.50-50.00. Utility & Commercial slaughter cows 43.50-47.00, one at 47.75, Cutters 40.00-44.00, Canner & Low Cutter 33.50-40.00. One Standard slaughter bullock at 55.75. Yield Grade #1 and #2 1100-1720 lbs. slaugther bulls 49.75-52.75, one at 57.00. Medium & Large Frame #1 300-560 lbs. feeder heifers 50.00-58.00, few 600-690 lbs. 45.25-51.00; Medium & Large Frame #1 300-500 lbs. feeder bulls 55.00-60.50.

CALVES 97. Few Choice vealers 65.00-74.00, Good 60.00-67.00, Standard 50.00-60.00, Standard & Good 90-120 lbs. 57.00-65.00, 65-85 lbs. 50.00-59.00, few Utility 50-70 lbs. 40.00-45.00. Farm calves, holstein bulls 95-125 lbs. 70.00-85.00; beef cross bulls & heifers 70-130 lbs. 59.00-80.00.

HOGS 225. Barrows & gilts 25 cents to 50 cents lower. US No. 1-2 220-250 lbs. barrows & gilts 46.80-47.20, No. 1-3 195-250 lbs. 45.40-46.50, one lot No. 2-3 260 lbs. 44.00, few 275-335 lbs. 36.00-39.00, one lot No. 1-3 175 lbs. at 39.50. Sows $5 to $8 lower. US No. 1-3 330-585 lbs. 33.00-37.00, few No. 2-3 310-635 lbs. 25.00-32.00. Boars 28.00-31.00.

FEEDER PIGS 92. US NO. 1-3 20-30 lbs. feeder pigs 15.00-24.00 per head, No. 1-3 30-40 lbs. 24.00-35.00 per head.

SHEEP 46. Good & Choice 45-100 lbs. spring slaughter lambs 40.00-50.00, Slaughter ewes 2.00-14.50.

NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

FAT HOGS

EARLY BIRD HOG SALE
For Your Protection Your Hogs Must Be Identified

10:00 AM

HORSES

MULES

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

12:00 NOON

DAIRY COWS

HEIFERS, BULLS

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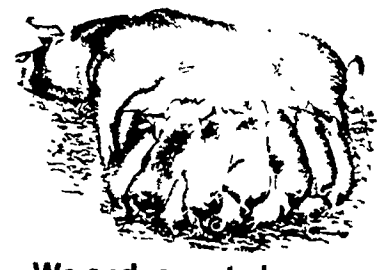
Alan Diffenbach 717-656-9806
Luke Eberly 215-267-6608 - 738-1865

WEDNESDAY
FEEDER PIG SALE
1:30 P.M.



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State graded until 12 Noon

THURSDAY

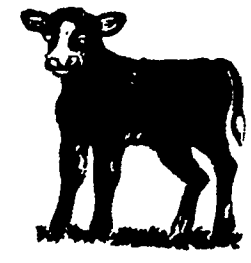
11:00 AM

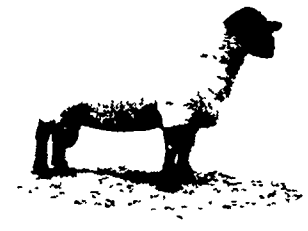
BULLS -

STEERS -
BEEF COWS

3:30 P.M.

CALVES





SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

New Wilmington Livestock

New Wilmington, Pa.
Monday, June 20
Report Supplied By PDA

CATTLE 198. Compared with last Monday's market, slaughter cows strong to 50 cents higher Couple Choice slaughter steers 63.00 and 65.00, Good 58.00-62.75, Standard 50.00-58.00. Few choice slaughter heifers 58.75-62.00, few Good 55.00-58.75, few Standard 48.50-54.75. Utility & Commercial slaughter cows 47.00-52.00, few 53.00-55.00, Cutters 43.50-47.25, Canner & Low Cutter 36.50-43.75, Shells down to 32.00. One good slaughter bullock at 55.50, few Standard 53.25-54.50. Yield Grade #1 1075-1880 lbs. slaughter bulls 53.50-58.00. Few Medium & Large Frame #1 400-600 lbs. feeder heifers 48.00-58.00, No. 2 500-720 lbs. 38.00-45.00; few Medium & Large Frame #1 340-680 lbs. feeder bulls 49.50-58.50.

CALVES 261. Vealers grading Good & Choice about steady, Standard $5 to $10 lower. Choice vealers 82.00-97.50, Good 71.00-84.00, Standard & Good 110-130 lbs. 60.00-70.00, 90-110 lbs. 50.00-62.50, 65-85 lbs. 40.00-55.00, lot Utility 55 lbs. 37.50. Farm calves, holstein bulls 95-130 lbs. 80.00-117.50; holstein heifers 75-135 lbs. 70.00-87.50.

Barrows & gilts $2 to $2.50 lower. US No. 1-2 210-245 lbs. barrows & gilts 46.00-47.00, No. 1-3 195-255 lbs. 45.00-46.00, No. 2-3 230-285 lbs. 40.00-45.00, few No. 1-3 170-180 lbs. 40.00-42.00. Sows $2 to $4 lower. US No. 1-3 280-635 lbs. sows 30.00-37.25. Boars 32.00-33.85.

FEEDER PIGS 71. US No. 1-3 15-30 lbs. feeder pigs 18.00-32.00 per head, No. 1-3 30-45 lbs. 32.00-41.00 per head.

SHEEP 189. Choice 60-80 lbs. spring slaughter lambs 55.00-67.00, few 73.00, 80-100 lbs. 48.00-55.00, Good 50-85 lbs. 40.00-51.00. Slaughter ewes 3.00-18.00.

DAIRY MARKETS

New Holland Dairy

New Holland Sales Stables
Wednesday, June 22
Report supplied by auction

Reported receipts of 121 cows, 170 heifers and 3 bulls. Market stronger.

Load of NY purebred & grade cows fresh 850.00-1850.00; springers 925.00-1260.00. Load of PA fresh cows 900.00-1300.00. Load of PA fresh cows 785.00-1400.00. Load of Canadian fresh cows 800.00-1400.00. Load of Franklin Co. fresh cows 710.00-1175.00. Load of PA fresh cows 975.00-1775.00. Load of Canadian fresh cows 710.00-1075.00; springers 825.00-1400.00.

Local purebreds 1100.00-1350.00.

Locally consigned cows 550.00-1300.00.

Springing heifers 650.00-1050.00.

Open heifers 300.00-440.00.

Bulls 510.00-685.00.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, June 20
Report supplied by auction

Holstein Hfr. Calves to 97.50; Veal Calves to 90.00; Vealer Bull Calves 80.00-105.00; Slaughter Calves 68.00-72.00; Grassers & Feeders 34.00-55.00; Lambs 50.00-59.00; Sheep 12.00-25.00; Hogs, 200 to 250 42.00-46.50; Sows 37.00-41.00; Boars 33.00-36.00; Pigs 14.00-25.00; Heifers 47.00-54.50; Steers 52.00-58.50; Steers, feeder 41.00-57.00; Bulls 51.00-56.75; Cows, utility 47.50-54.00; Cows, fat 44.50-52.00; Cows, medium 44.00-47.00; Cows, poor or small 37.00-46.50; Cattle Market real good; Calf Market higher; Horses to 385.00; Ponies 30.00-100.00; Goats 27.00-52.00; Hay none; Straw none.

Lebanon Valley Livestock

Fredericksburg, Pa.
Tuesday, June 21
Report Supplied By PDA

CATTLE 214. Compared with the market 2 weeks ago, Choice No. 2-4 1000-1250 lbs. slaughter steers 64.50-66.50, few holsteins 59.10-60.00, few Good 57.35-63.35, holsteins 55.85-58.00, Standard 49.75-55.50. Few Choice slaughter heifers 59.00-61.75, few Good 55.25-57.75, few Standard 48.10-55.10. Utility & Commercial slaughter cows 46.25-50.10, few to 51.25, Cutters 43.50-47.00, Canner & Low Cutter 41.00-44.00, Shells down to 35.00. Few Choice slaughter bullocks 58.25-60.10. Yield Grade #1 1450-1830 lbs. slaughter bulls 53.60-58.50; few yield grade #2 1000-1100 lbs. 48.75-53.25.

CALVES 237. Few Choice vealers 84.00-87.00, few Good 75.00-85.00, Standard & Good 75-110 lbs. 58.00-67.00, few Utility 50-80 lbs. 38.00-55.00. Farm calves, holstein bulls 90-125 lbs. 67.00-93.00; holstein heifers 85-140 lbs. 73.00-101.00.

HOGS 195. US No. 1-2 210-230 lbs. barrows & gilts 45.00-45.35, lot 46.00, No. 1-3 200-250 lbs. 44.50-45.00, lot No. 2-3 285 lbs. 43.60, few lots No. 1-3 185-195 lbs. 37.00-42.75. US No. 1-3 300-575 lbs. sows 34.00-35.75. Boars 33.85-35.50.

FEEDER PIGS 10. Lot US No. 1-3 75 lbs. feeder pigs 59.00 cwt.

SHEEP 22. Choice 45-80 lbs. spring slaughter lambs 50.00-64.00, few Good 65-80 lbs. 48.00-63.00. Few Slaughter ewes 15.00-19.00.

Carlisle Auction

Carlisle, Pa.
Tuesday, June 21
Report supplied by auction

CATTLE: Steers were .50 higher; Heifers were 2.00 lower; Cows were 2.00 lower and Bulls were .50 lower. Steers: Good 61.25-63.10; Standard 55.60-59.75; Utility 55.50 down. Heifers: Good 55.25-57.50; Standard 50.00-54.00; Utility 49.00 down. Cows: Utility & Commercial 44.50-48.75; Cutter 42.50-45.00; Canner & Low Cutter 40.85-43.00; Shells 39.00 down. Bulls: Good 57.10-58.35; Standard 50.00-55.00; Utility 48.25-49.25.

FEEDER CATTLE: Steers were 10.00 higher; Heifers were 2.00 to 3.00 lower and Feeder Bulls were steady with last week's prices. Steers: Good 235-300 lbs. 66.00-72.00; Medium 460-510 lbs. 50.00-58.00; Standard 510-525 lbs. 46.00-48.00. Heifers: Good 280-435 lbs. 54.00-59.00; Good 395-565 lbs. 55.00-58.50. Bulls: Good 500-550 lbs. 57.00-58.00; Medium 475-500 lbs. 48.00-50.00; Standard 405-630 lbs. 42.00-45.50.

CALVES: Large run; 5.00 to 15.00 lower than last week. Vealers: Choice 80.00-85.00; Good 60.00-80.00; Standard & Good 50.00-65.00; Standard & Light 50.00 down. Farm Calves: Hol. Bulls 77.00-84.00. Hol. Heifers: to 85.00.

HOGS: Large run; 2.35 lower; US No. 1-2 44.85-47.50; No. 1-3 43.00-45.00; No. 2-3 36.50-42.00. Sows: Large run; 1.00 lower; US No. 1-3 33.00-38.00; No. 2-3 31.75-34.00. Boars: 1.00 higher for light boars; 2.50 lower for heavy boars; 31.50-36.00.

FEEDER PIGS: 1.00 higher; No. 1-3, 20-30 lbs. 17.00-25.00 head; No. 1-3 40-50 lbs. 36.00-37.00 head.

SHEEP: Lambs: 12.00 lower; Medium - Good 46.00-48.00; Utility 40.00-44.00. Goats: 15.00-38.00 head.

PENNSYLVANIA MARKETS

New Holland Horse

New Holland Sales Stables
Monday, June 20
Report supplied by auction

Reported receipts of 287 head of horses, mules, and ponies.

Local Better horses 450.00-850.00. Driving horses 375.00-1000.00. Riding horses 325.00-400.00. Lightweight killers 275.00-375.00; Heavyweight killers 400.00-475.00. Mare Ponies 30.00-75.00; Pony Colts 15.00-25.00; Geldings 30.00-75.00; Larger ponies 125.00-240.00.

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Livestock market and auction news

THE OLD FARMER'S ALMANAC

JUNE 27-JULY 3, 1983

A little damp when first at camp.

Mulch fruit trees with hay and sawdust President James Madison died June 28, 1836 Last quarter of the moon July 3 (Sun.) . Average length of days for the week, 15 hours, 15 minutes First intercollegiate baseball game played on July 1, 1859, between Amherst and Williams Colleges in Pittsfield, Mass Battle of Gettysburg July 1-3, 1863 *Gone with the Wind* published June 30, 1936 . *Unhappiness is not knowing what we want and killing ourselves to get it*

Ask the Old Farmer: My mother found a large pastry board under the stairs in the cellar It has a very musty smell Is there any way to remove this smell? J C , Paupack, Penn

Wash with a mixture of hot water and baking soda Use a stiff brush and plenty of elbow grease, then dry thoroughly After it is dry, if you can still detect any odor, place it outdoors in the sun for a few days

Home Hints. To prolong the life of cut flowers place them in an average sized vase full of water in which a tablespoon of salt has been dissolved

OLD FARMER'S WEATHER FORECAST

New England: Week starts clear, then rainy, heavy inland, cool through week's end

Greater New York-New Jersey: Starts clear and cool, rain north sprinkles south midweek, rainy for weekend

Middle Atlantic Coastal: Very beginning of week sunny and cool then showers, warm temperatures, clearing week s end

Piedmont & Southeast Coastal. Sunny and cooler to start, midweek is rainy and cool, then sunny, scattered showers, hot

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Morrison Cove Auction

Martinsburg, Pa.
Monday, June 20
Report Supplied By Auction

CATTLE 228. High Choice & Prime slaughter steers 64.25-66.25, Choice 62.50-63.75, Good 60.25-61.75, Standard 54.50-60.25, Utility 45.50-52.75. Choice slaughter heifers 62.25-64.50, Good 60.25-61.50, Standard 54.50-59.25, Utility 52.50-54.25. Utility & Commercial slaughter cows 52.25-56.25, Commercial 50.25-51.75, Cutters 47.50-51.25, Canner & Low Cutter 40.25-46.75, Shells down to 36.50. Choice slaughter bullocks 56.25-60.50, Good 51.50-56.75, Standard 48.50-51.00, Utility 46.50-49.50. Yield Grade #1 slaughter bulls 56.25-58.50; yield grade #2 51.50-55.75. Choice feeder steers 62.50-67.50, Good 58.50-62.75, Medium 48.50-56.50; Good feeder heifers 56.60-60.25, Medium 48.50-54.50; Good feeder bulls 58.50-60.25, Medium 46.50-57.50.

CALVES 391. Prime vealers 92.50-96.50, Choice 82.50-91.50, Good 72.50-80.50, Standard & Good 110-130 lbs. 65.50-78.50, 90-110 lbs. 65.00-72.50, 70-90 lbs. 60.50-69.50, Utility at 50.00. Farm calves, holstein bulls 90-130 lbs. 82.50-110.50; holstein heifers 90-130 lbs. 78.50-122.50.

HOGS 247. US No. 1-2 200-240 lbs. barrows & gilts 48.50-49.50, No. 1-3 200-240 lbs. 47.50-48.25, No. 2-3 200-250 lbs. 46.50-47.25, 250-320 lbs. 44.50-46.00. US No. 1-3 300-600 lbs. sows 40.25-44.50, No. 2-3 350-600 lbs. 35.25-36.50. Boars 32.00-33.50, light weights 33.50-40.25.

FEEDER PIGS 54. US No. 1-3 20-40 lbs. 24.00-34.00 per head, No. 1-3 40-60 lbs. 34.00-37.00 per head.

SHEEP 12. Choice 90-100 lbs. spring slaughter lambs 56.50-61.50, Good 60-80 lbs. 52.50-55.50. Slaughter ewes 10.00-22.50.

GOATS 25. 15.00-32.00 per head.

Dewart Auction

Dewart, Pa.
Monday, June 20
Report Supplied By PDA

CATTLE 246. Compared with last Monday's market, slaughter steers mostly 50 cents to $1.50 lower. Slaughter cows about steady. Low to Average Choice No. 2-4 1000-1300 lbs. slaughter steers 62.75-64.85, couple 66.00, Good 58.00-62.00, few holsteins 53.25-55.50, Standard 48.00-55.00. Few Choice slaughter heifers 59.35-62.25, few Good 56.75-59.00, few Standard 50.25-53.50. Utility & Commercial slaughter cows 45.75-49.10, few to 54.00, Cutters 44.00-46.75, Canner & Low Cutter 40.50-45.00, Shells down to 40.00. Few Good slaughter bullocks 53.75-55.75. Few Yield Grade #1 1040-1730 lbs. slaughter bulls 51.75-57.50.

CALVES 288. Few Choice vealers 85.00-100.00, Good 65.00-80.00, Standard & Good 70-100 lbs. 62.00-70.00, Utility 50-85 lbs. 45.00-60.00. Farm calves, holstein bulls 90-125 lbs. 85.00-100.00; holstein heifers 85-150 lbs. 80.00-92.50.

HOGS 203. Barrows & gilts $1.75 to $2.25 lower. Few lots US No. 1-2 215-235 lbs. barrows & gilts 47.30-47.50, No. 1-3 200-250 lbs. 45.00-46.90, No. 2-3 230-250 lbs. 42.50-44.70. US No. 1-3 300-650 lbs. sows 36.00-41.00. Boars 33.25-35.25.

FEEDER PIGS 228. US No. 1-3 20-35 lbs. feeder pigs 20.00-28.50 per head, No. 1-3 40-55 lbs. 28.00-35.00 per head.

SHEEP 40. Choice 80-100 lbs. spring slaughter lambs 57.00-64.00, couple 69.00, few Good 35-65 lbs. 50.00-63.00. Few slaughter ewes 16.00-22.00.

GOATS: Few Large goats 17.00-27.00 per head, few kids 11.00-23.00 per head.

Eight-Four Livestock

Eighty-Four, Pa.
Monday, June 20
Report supplied by PDA

CATTLE 290. Compared with last Monday's market, slaughter cows mostly steady, instances 25 cents lower. Few Choice slaughter steers 62.50-63.00, Good 59.50-62.00, Standard 54.50-60.00, few Utility 49.00-53.00. Individual Choice slaughter heifer at 62.50, Good 58.00-61.00, Standard 52.75-57.50, Utility 47.50-53.00. Utility and Commercial slaughter cows 45.00-49.00, Cutters 41.00-45.25, Canner & Low Cutters 35.00-41.50, Shells down to 26.00. Yield Grade #1 1200-1700 lbs. slaughter bulls 53.00-59.25, #2 1000-1400 lbs. 48.00-52.00. Medium Frame #1 450-650 lbs. feeder steers 59.00-65.00. Medium Frame #1 350-600 lbs. feeder heifers 54.00-60.00, #2 400-600 lbs. 45.00-55.00. Medium Frame #1 500-900 lbs. feeder bulls 50.00-56.00.

CALVES 311. Vealers about steady. Choice vealers 78.00-88.00, Good 68.00-80.00, Standard & Good 90-120 lbs. 56.00-75.00, 60-85 lbs. 46.00-60.00. Farm Calves: Holstein Bulls 90-125 lbs. 80.00-100.00.

HOGS 114. Barrows and gilts steady to strong. US No. 1-2 210-240 lbs. barrows and gilts 47.00-48.00, one small lot 49.25, No. 1-3 205-250 lbs. 45.50-47.20, No. 2-3 270-340 lbs. 39.25-41.50. Few US No. 1-3 300-500 lbs. sows 39.00-41.25, individual No. 2-3 615 lbs. at 31.00.

FEEDER PIGS 9. Lot US No. 1-3 38 lbs. feeder pigs at 30.00 per head.

SHEEP 282. Spring slaughter lambs slow, 1.00-1.50 lower. Choice 85-95 lbs. spring slaughter lambs 56.00-60.50, Good 65-85 lbs. 48.00-56.50, Utility 40-50 lbs. 45.00-48.50; Good & Choice 50-65 lbs. feeder lambs 46.00-47.50. Slaughter sheep 11.00-15.00. Goats 3: 10.00-25.00 per head.

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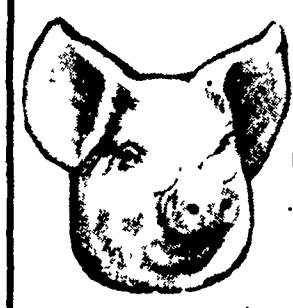
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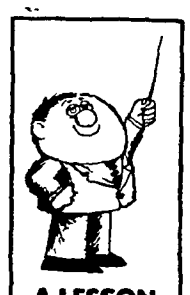
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Livestock market and auction news

Virginia Auction Summary

June 16-22
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 4,122.

TREND: Steady to 2.00 higher.

Southwestern, Va.
Auction Summary
June 16-22

STEERS: 300-500 lbs. Medium 1 64.75-76.00; Large 1 65.50-74.00; Small 1 52.00-62.00; 500-700 lbs. Medium 1 65.00-73.75; Large 1 65.00-74.00; Small 1 50.00-61.00. 700-1000 lbs. Medium 1 53.00-64.50; Large 1 53.00-62.75.

HEIFERS: 300-500 lbs. Medium 1 52.00-62.50; Large 1 52.00-54.50; Small 1 48.00-59.00. 500-700 lbs. Medium 1 51.00-60.00; Large 1 52.00-62.00; Small 1 45.00-53.00. 700-900 lbs. Medium 1 48.50-51.50; Large 1 53.50.

Southeast Va.
Auction Summary
June 16-22

STEERS: 300-500 lbs. Medium 1 64.00-69.00; Large 1 51.00-51.50. 500-700 lbs. Medium 1 53.00-65.00; Large 1 64.00-66.00. 700-1000 lbs. Medium 1 57.00-57.80.

HEIFERS: 300-500 lbs. Medium 1 53.00-58.00; Small 1 48.50-53.00. 500-700 lbs. Medium 1 50.25-57.00. 700-900 lbs. Medium 1 47.00-51.75.

Northern Va.
Auction Summary
June 16-22

STEERS: 300-500 lbs. Medium 1 66.00-75.00; Large 1 65.10-75.50; Small 1 62.00-70.00. 500-700 lbs. Medium 1 60.00-70.00; Large 1 64.00-70.00; Small 1 56.00-64.50. 700-1000 lbs. Medium 1 55.00-64.00; Large 1 61.00-61.50.

HEIFERS: 300-500 lbs. Medium 1 51.00-64.00; Large 1 55.00-62.50; Small 1 52.00-61.50. 500-700 lbs. Medium 1 52.00-60.00; Large 1 54.00-59.50; Small 1 52.00-57.00. 700-900 lbs. Medium 1 50.00-58.50; Large 1 54.50.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, June 18
Report supplied by auction

FEEDER CATTLE: Steers: M&L-1 300-500 lbs. 68.00-72.00; 500-700 lbs. 62.00-67.00; 700-1000 lbs. 60.50-60.75; Holstein 300-1000 50.50-64.00. S-1&M&L-2 300-500 lbs. 63.00-70.00; 500-700 lbs. 61.00-65.50; 700-1000 lbs. 50.75-56.00. Feeder Bulls: M&L-1 300-500 lbs. 61.00-63.50; 500-700 lbs. 50.00-52.50. S-1&M&L-2 300-500 lbs. 58.00-66.00; 500-700 lbs. 48.00-54.00. Heifers: M&L-1 300-500 lbs. 55.00-62.00; 500-700 lbs. 52.00-55.50; 700-800 lbs. 50.00-54.50. S-1&M&L-2 300-500 lbs. 57.50-61.00; 500-700 lbs. 42.00-45.00; 700-800 lbs. 42.00-46.50. Stock Cows: Beef 405.00-525.00.

SLAUGHTER CATTLE: Steers-Good 2-4 58.50-60.25.

SLAUGHTER COWS: Utility & Commercial 2-4 41.75-46.75; Canner & Cutters 1-3 34.50-41.75.

SLAUGHTER BULLS 1 & 2 48.00-56.00.

LAMBS: Trend 5.50 lower. High Choice & Prime 51.00; Choice 45.10; Feeder Lambs Choice 45.50; Slaughter Ewes 9.00-12.75.

HOGS: US 1-3 200-240 lbs. 45.00; Sows 1-3 3.00-38.50; Boars 33.75-34.00.

VEAL: Good 60.00-68.00.

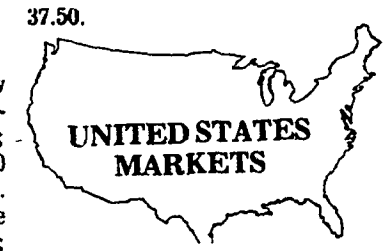
SLAUGHTER CALVES: Good & Choice 55.00-62.50.

Four States Livestock

Hagerstown, Md.
Wednesday, July 15
Report supplied by auction

SLAUGHTER: Fed Steers low Choice few to 61.00. Good 55.00-58.00. Heifers- Choice to 59.25; Good 53.00-56.00; Medium 53.00 down. Cows- Active 1.00 higher. High Yield 50.00-53.00; Average 45.00-49.00; Big Middle 41.00-45.00; Shelly 41.00 down. Fat Bulls- 54.00-56.00; Medium 50.00-54.00. Veal Calves-Choice few 97.00; Good 75.00-85.00; Medium 65.00-75.00; Farm Hfrs. 75.00-89.00; Farm Bulls 85.00-93.00; Light & Weak 60.00 down. Lambs- Choice 53.00-55.50; Good 46.00-50.00.

STOCKER: Steers 300-550 lbs.- Light weights to 80.00. Choice 70.00-75.00; Good 65.00-70.00; Medium 55.00-65.00; Culls 55.00 down. Steers 600-850 lbs.- Choice 60.00-68.00; Good 55.00-60.00. Heifers (all weights)- Choice 52.00-58.00; Good 47.00-52.00; Medium 43.00-47.00. Bulls 300-550 lbs.- Choice 65.00-74.00; Good 60.00-65.00; Medium 53.00-60.00. Dairy Cows to 825.00. Springing Heifers- 460.00-640.00. Pigs, Hd.- 20-30 lbs. 28.00-33.00; 30-60 lbs. 35.00-42.00. Slaughter Hogs- 1.00 lower. 215-230 lbs. 44.75-45.75; 240-260 lbs. 43.50-45.00; 180-195 lbs. 36.50-38.50. Sows- 300-550 lbs. 35.00-37.50.



PIK rice reported

WASHINGTON, D.C. — The U.S. Department of Agriculture has reported producers will receive almost 40.3 million hundredweight of rice for participating in the 1983 payment-in-kind (PIK) program, according to Everett Rank, executive vice president of USDA's Commodity Credit Corporation.

Of the total PIK payment to producers, almost 14.2 million hundredweight will be made available directly to producers from CCC's inventory and nearly 7.9 million hundredweight will be received by producers from their 1982 price support loans, Rank said.

He said about 18.2 million hundredweight will be received by farmer-owned rice cooperatives on behalf of their members, nearly 13.7 million hundredweight of which will come from 1982 price support loans and the balance from CCC inventory.

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- We will also accept your sows & boars.
- Your cattle will be received from 12 Noon to 4 PM. We will either pay for your cattle immediately or you may sell them dressed weight.
- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day.
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Every 4 Weeks

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June, July, Aug., Sept.
7:30

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JOHN B. STOLTZFUS
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Abe Diffenbach, Auctioneer
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12:30 P.M.- Dairy Cows
7:00 P.M.- Small Animal Sale

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BY DICK ANGLESTEIN

Leroy Geesaman, president of the Pennsylvania Young Farmers, made a lot of sense at the Cedar Crest YF banquet last week in Schaefferstown.

In his home Northern Lebanon Chapter, Geesaman is heading up an effort to sign up dairymen to participate in a year-round milk advertising campaign over the radio. He's trying to enlist more participating dairymen among the other YF chapters in Lebanon County.

As far as we know, this is the first continuing advertising promotional program being considered on a continuing year-round basis directly by a group of dairymen.

"It's important that we as dairymen get behind ideas such as this," Geesaman said.

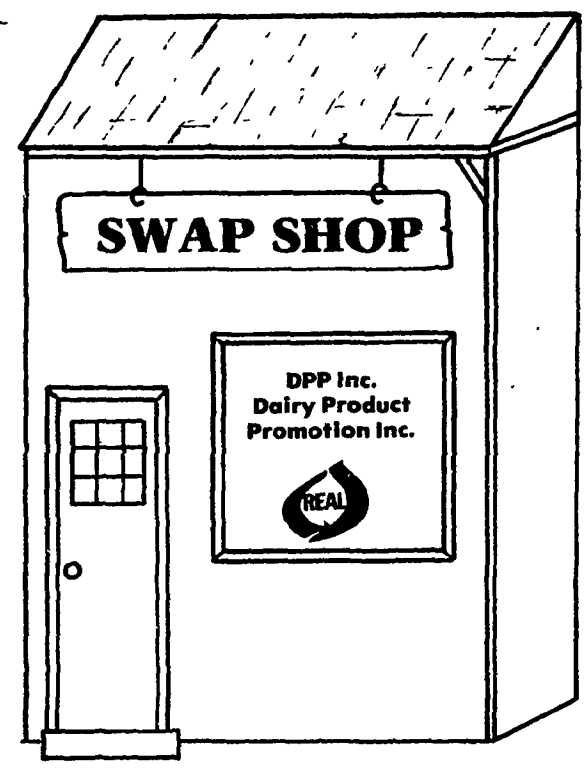
"After all, if we don't think enough of our product to get behind it, what is the consumer supposed to think of it and us?

"Consumers are going to think better of our product and us when they see dairymen getting directly involved in promotion."

And we'd like to add one more idea.

In a couple of weeks, the Pa. Young Farmers get togther for their summer conference at Mifflinburg.

In between the tours and the horseshoe and volleyball tournaments, we hope there's some discussion between representatives of chapters across the state about Lebanon's proposed cooperative advertising program among dairymen. Possible spread among other chapters can only help the overall promotion of milk and dairy products.



Up along Rt. 322 at Fontana, Umberger's Mill and local dairymen have once again cooperated in giving away a free glass of white or chocolate milk during June. The promotion has been going on for several years.

Mrs. J. Melvin Koser, of R2 Narvon, would like to see more dairy cookbooks and particularly for children to make milk-based drinks and no-bake recipes.

Adam Leid, of R3 Ephrata, would like to know where he can get a rubber stamp like the one that Mrs. Reitz, of R2 Mayport, uses and told us about.

Mrs. Keith Coddington, of R1 Port Royal, endorses the banning of soft drinks at Ag Progress and the Farm Show and would like to see the ban go even farther.

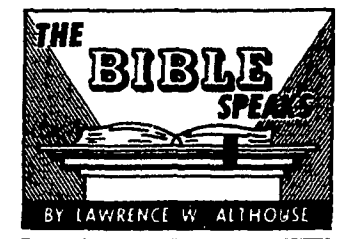
She writes:

"The farm wife who suggested banning soft drinks at Ag Progress Days and the Farm Show has a wonderful idea. In fact my husband has said the same thing himself.

"Now, we suggest it go one step farther. Ban all products sold that are not 100 percent pure. For example, ban margarine, use butter; ban Cool Whip, use real cream; ban fruit drinks, use real fruit juice.

"Get the idea.

"Let's see what the other folks think."



THE ROAD TO GLORY
June 26, 1983

Background Scripture:
Judges 4 through 5.
Devotional Reading:
Acts 16: 11-15.

Earlier this week I sat in the office of a young Assistant Pastor in a large metropolitan church. He could no longer hide his sense of hurt and disappointment. "I did not come here for a lot of glory," he explained, "but sometimes it would be nice to be recognized as making a contribution."

The church in which he works is one of those dominated by the personality of the senior minister. Other staff members, no matter how hard they work nor how fine is their contribution, are largely "invisible" as far as the congregation is concerned.

Deborah, Barak and Jael

Whether in the church or in other acres of our society, we often seem to have a fixation on "super stars." We tend to overlook the fact that real success is usually the result of contributions and efforts from many sources. The achievement of the "super star" may be the most spectacular, but often it could not happen without the acts of other people whose work and efforts are largely unseen.

Sometimes people need to realize that there is enough glory to go around and we don't have to horde it all for ourselves. You don't have to lose so that I can win. Your success doesn't erase mine. We can both be recognized without taking anything away from each other. I can rejoice with you in your accomplishment and you can rejoice with me in mine.

My wife, Valere, and I are both public speakers and a fair portion of our ministry is dependent upon our speaking and teaching engagements. We are never jealous of each other and our invitations from various groups. We are glad for each other. I wish that spirit could be carried out into our society, so that all people could get the recognition they deserve and need. Individual achievements are important, but the essence of life is cooperation and lots of apparent "individual achievements" are dependent upon the roles played by others.

The Victory at Kadesh

The great victory that was won at Kadesh by the Israelites was a group effort that required cooperation. Through the persuasion of Deborah, God was able to pursuade Barak to gather his forces there against Sisera. Without Deborah, Barak would not have been encouraged to assemble his forces. Without Barak's ability as a leader of men, Deborah would not have been able to win the victory. But the complete success of the venture was to depend on yet another person—a much more obscure person at that: Jeal, the wife of Heber, who by herself slew the hated Sisera.

Deborah had forseen this, for she had warned Barak: "the road on which you are going will not lead to your glory, for the Lord will sell Sisera into the hand of a woman." Apparently, this did not deter either Barak or Deborah, for they knew that whatever glory there was belonged to God.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Control Disease Spread in Poultry

Much the same as humans come down with the flu, poultry also has a special kind of flu called Avian Influenza. Several cases have been confirmed in Lancaster County by the state Diagnostic Lab. They include layer, broiler and started pullet flocks. The most important thing you can do at this time is to keep a very close watch on the flock, and if you see any peculiar illness developing — take several birds directly to either the Summerdale State Lab or the New Bolton Lab. We also need to implement the procedures developed by the LT Task Force which include the following:

** Lock all access doors in the poultry house
** Enforce NO ADMITTANCE signs
** Put on clean coveralls, rubber boots and disposable caps
** Bring on the farm only articles which can be cleaned and disinfected
** Incinerate all dead birds immediately
** Provide obvious, outside receptacles for feed slips, invoices and meassages
** No visits to other poultry farms
** Rodent control. Don't forget stray dog and cat control.

By implementing these procedures you will be protecting your industry from spread of all diseases, thus, helping to make everyone more prosperous.

We want to emphasize that Avian Influenza is not transmissable in the egg or meat. One positive aspect — the Avian Influenza virus seems to be self-limiting with time and the virus disappears from flocks in two weeks.

To Feed Dry Matter on Pasture

Pastures are very lush this spring due to favorable growing conditions. This means that livestock can utilize some dry matter while on pasture. This can include hay, straw or silage. With the dry matter present, they will consume a moderate amount along with the fresh grass.

The dry matter slows down the passage of the lush forage through the digestive system. Also, it reduces the danger of bloating when there is clover or alfalfa in the forage mixture. If the animals are out all the time, then a portable hay rack would be the way to feed hay or straw. Dry matter intake is important when pastures are lush and high in water content.

To Clena Pesticide Sprayers

The use of various kinds of spray materials in one sprayer is risky. this is especially true when you are using any type of weed killer. In too many cases the sprayer carries sufficient residual weed killer material to injure a susceptible crop. Farmers who are spraying corn fields with weed killers one day and then spraying alfalfa or tobacco plants the next day with the same equipment had better do a real thorough job of cleaning the sprayer.

Some materials can be cleaned by using warm water and soap detergent. However, materials such as 2,4-D had better be cleaned with one pint of household ammonia in 25 gallons of hot water. Allow this mix to remain in the sprayer overnight and then spray it out through the system on the lane or driveway. Don't be guilty of harming good plants. One of the best practices is to have one sprayer for weed killers and another for other purposes.

To Renovate Strawberries

Since the harvest of the strawberry crop is nearly over, it is a good time to plan for next year. In most cases, plants that have yielded two or more crops, cannot be expected to do as well in the future. However, if the current planting is to be used for another year we suggest that the rows be worked by the use of mechanical cultivation and followed by top dressing of fertilizer. These practices will keep the berry plants in a row and encourage additional runners to increase next years yield. In the case of a new planting of strawberries, we urge you to fertilize them in June and again early in August. This extra plant food will enable the setting of runners and will help increase yield next year.

Farm Calendar

Saturday, June 25

No-till conference, Pineyhill Farm, 10:30 a.m., 1/2 mile south of Washington, N.J.

Berks County Wool Pool, 7 a.m. to 3 p.m., Bollman's hat factory, Adamstown

Mercer Co. dairy princess

Sunday, June 26

Annual convention, Pa. Confectioners Mfg. Assn., Host Corral, Lancaster, continues through Wed.

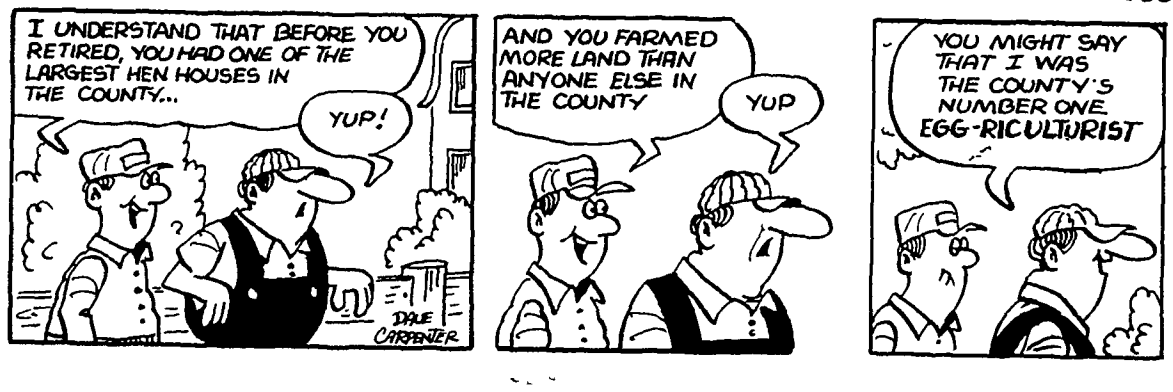
Monday, June 27

Beekeeper Short Course at Penn State, continues through Friday

Penn Ag Industries Assn., annual grain seminar meeting, 9:30 a.m. to 4:30 p.m. and 6:30 p.m., Treadway Resort Inn

National Holstein meeting, Norfold, Va., continues through Thursday

OTIS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YUP
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402/404 Rake									$ 275
406/407 Rake	X		X		X		X		$ 50
484 Baler-Round	X		X		X		X		$ 400
456 Baler-Round	X		X		X		X		$ 800
486 Baler-Round	X		X		X		X		$ 600
507/509 Mower Cond.	X		X		X		X		$1000
521/522 Mower	X		X		X		X		$ 50
555 Baler-Rectangular	X		X		X		X		$ 900
565 Baler-Rectangular	X		X		X		X		$ 500
660 Forage Harvester	X		X		X		X		$ 900
680 Forage Harvester	X		X		X		X		$1000
Manure Spreaders									
213 w/Element	X		X		X		X		$ 200
214 w/Element	X		X		X		X		$ 300
243/244	X		X		X		X		$ 500
245	X		X		X		X		$ 800
Corn Pickers									
323/309	X		X		X		X		$ 500
324/325 w/Processing Unit	X		X		X		X		$ 700
Material Handling									
106/107/109/119									$ 75
177 Elevator	X		X		X		X		$ 400
196 Auger									$ 400
198/199 Auger	X		X		X		X		$ 400
516A/517									$ 400
518/519	X		X		X		X		$ 400
Uni Equipment									
708/709/800/801/802/803A	X		X		X		X		$3000
717 Combine	X		X		X		X		$1000
737/838 Husking Bed	X		X		X		X		$ 300
766/768/770/774/866	X		X		X		X		$ 400
767 Forage Harvester	X		X		X		X		$ 500
783 Snow Blower	X		X		X		X		$2500
813/815 Grain Plat.	X		X		X		X		$ 600
820 Gran Plat.	X		X		X		X		$1200
818 Combine	X		X		X		X		$6000
844N/844W/846N/846W	X		X		X		X		$ 500
858 Shelter	X		X		X		X		$1000
868 Forage Harvester	X		X		X		X		$ 750

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Hot, humid weather helps with catch-up

HARRISBURG — Hot and humid weather dominated the week ending June 19, with all three regions of the state reporting six days suitable for fieldwork activities according to the Pennsylvania Crop Reporting Service.

The good weather boosted most farm activities closer to last year's levels. Activities for the week included picking strawberries; transplanting tobacco; planting corn, soybeans and potatoes; spraying; making hay and haylage; and cultivating corn and potatoes.

Soil moisture in the commonwealth was rated adequate by 88 percent of the reporters and short by 12 percent.

Statewide, corn planting for the year is virtually complete, about the same as last year and the five-year average. The average corn height was six inches in the state, compared with 12 inches at this time last year.

Soybean planting was 80 percent complete in the commonwealth, the same as last year. In the southern region 72 percent of the crop was planted, in the central region 84 percent was planted and in the northern region 79 percent was planted.

Transplanting tobacco from the beds to the fields was only 70 percent complete compared with 83 percent complete at the same time last year.

Statewide, 40 percent of the barley crop was turning yellow and five percent was ripe, compared with last year when 58 percent was turning yellow and six percent was ripe. In the southern region 62 percent was turning yellow and 17 percent was ripe, in the central region 38 percent was turning and less than five percent was ripe, while in the northern region 26 percent of the barley crop was turning yellow and less than five percent was ripe.

Thirteen percent of the Pennsylvania wheat crop was turning yellow, slightly behind last year. In the southern region 35 percent was turning, in the central region six percent was turning and in the northern region less than five percent was turning yellow. Powsery mildew still continues to plague some areas.

Statewide, oats crops were only 15 percent headed with five percent turning yellow, compared with 47 percent headed last year.

Many of the reporters said the week was one of the best ever for June haymaking, as 64 percent of the first cutting alfalfa was completed, compared with 40 percent last year. Weevil and spittlebug damage still continues, and leaf hopper damage has begun.

Clover-timothy first cutting was 50 percent complete compared with 19 percent complete last year at this time. The quality of hay made during the week was rated good by 91 percent of the reporters and fair by nine percent. The amount of feed obtained from pastures was rated above average by 17 percent of the reporters, average by 80 percent and below average by three percent.

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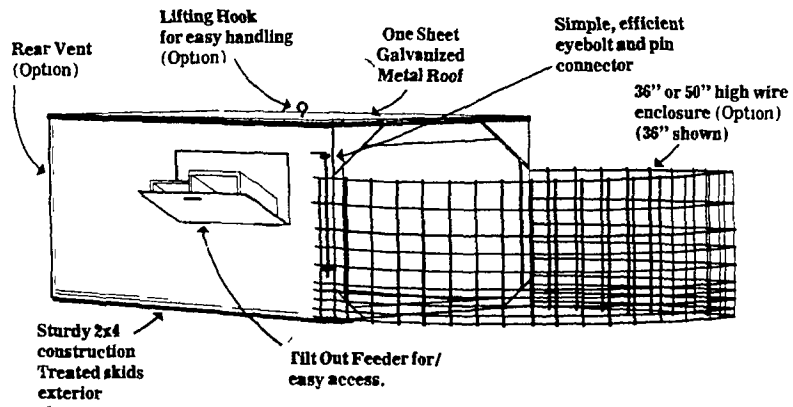
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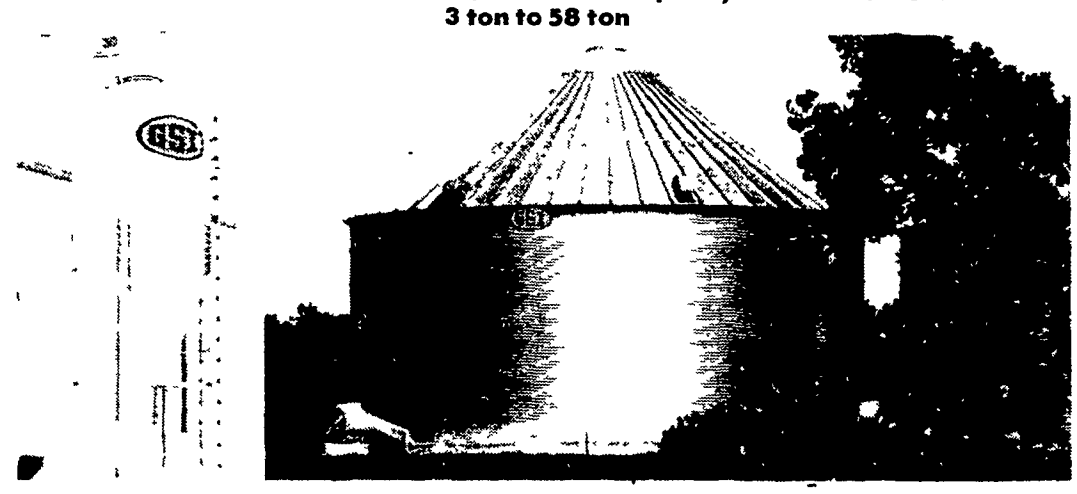

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Livestock market and auction news

Oklahoma Cattle

Wednesday, June 22
Report Supplied By USDA

Estimated Receipts: 10,500
Same Day Last Week: 11,252

Trade moderate. Feeder steers and heifers under 500 lb. not established. Feeder steers over 500 lb. steady with yesterdays full decline; heifers over 500 lb. 1.00-1.50 lower. Bulk of receipts Medium Frame 1 500-900 lbs. feeder steers and 500-700 lb. feeder heifers.

FEEDER STEERS: Medium and Large Frame 1 300-400 lb. 72.00-75.00; few 440-455 lb. 66.90-68.75; 500-600 lb. 63.50-67.05, package 510 lb. 70.60; 600-700 lb. 60.00-64.60, part load 615 lb. 67.80; 700-800 lb. 59.50-62.40, several 60.00-61.00; 800-920 lb. 58.50-60.45.

Medium and Large Frame Mixed 1-2 475-480 lb. 67.30-67.80; 525-575 lb. 57.00-61.50; 685-800 lb. 56.90-59.55.

Large Frame 2 Holsteins few 615-650 lb. 49.00-51.40; 780-1015 lb. 44.10-46.60.

FEEDER HEIFERS: Medium few large frame $ 315-375 lb. 61.50-62.00; 400-475 lb. 55.00-58.50; 500-600 lb. 53.80-55.00, Pkg 585 lb. 57.80; 600-700 lb. 53.00-55.90; few 700-775 lb. 53.70-55.70.

Medium and Large Frame Mixed 1-2 625-675- lb. 51.20-53.10.

Medium and Large Frame 2 Few 695-750 lb. 48.00-48.40.

For The Week: Compared to last week feeder steers and heifers under 600 lb. closed 2.00-4.00 lower; over 600 lb. 1.00-1.50 lower. Slaugther cows were firm to 50 cents higher with Wednesday sales of Utility and Commercial 2-3 40.60-42.75; Cutters 1-2 39.10-41.90; Canners and Low-Cutters 35.00-38.20. Bulls closed weak to 1.00 lower with YG 1 1350-1400 lb. 51.00-53.25, Individual 1400 lb. very high dressing 56.00. Salable receipts this week near 19,800 head compared with 18,469 head last week and 16,010 head last year. Bulk of this week receipts consisted of feeder steers and heifers; Cows and Bulls made up 10 percent of salable supply.

Omaha Cattle

Thursday, June 23
Report Supplied By USDA

Weekly 51 — CATTLE — Slaughter steers, two-way steer and slaughter heifers on Wednesday's close ranged 1.50-2.00 lower than previous week's close. Cows 1.00-1.50 lower. Bulls steady.

Fed cattle trading followed the same pattern of the last four weeks with packers constantly pressing for sharply lower costs while two-way interests remained extremely aggressive. The large purchases of 1000-1150 lb. steers, to return to feedlots, prevented prices from falling even more drastically than did occur. Overall finish ran the poorest in some time with many steers and heifers falling into the good-low choice bracket.

Four Day Receipts 11858; Week Ago 14409; Last Year 7442. Steers comprised 50 pct of the week's receipts, heifers 38 pct, cows 8 pct; feeders 3 pct.

STEERS: Choice 2-4 1025-1225 lbs. 64.25-65.50, outside price only on two-way or C.M.E. type. Mixed Good and Choice 2-3 975-1125 lbs. 63.50-64.50. Few Good 62.50-63.50. Part load Good 2-3 1200 lb. holsteins 54.00.

HEIFERS: Scattered loads and part loads choice 2-4 925-1050 lbs. 61.50-62.50, part load 63.00. Mixed Good and Choice 2-3 900-1000 lbs. 60.00-61.50. Good 57.00-60.00.

TWO-WAY STEERS: Medium Frame 1 in good and choice slaughter flesh 950-1150 lbs. 64.00-65.50, mostly 64.50-65.50.

Average of LS 214 detailed quotations for 900-1100 lb. choice steers 65.00, 1100-1300 lbs. 65.10. Average cost steers 64.46, average weight 1135 lbs, as compared 65.90 and 1138 lbs. a week ago. Average cost heifers 61.39, average weight 1006 lbs; as compared 62.96 and 991 lbs. a week ago.

COWS: High cutter, utility and commercial 1-3 39.00-42.00, some high dressing to 43.00. Canner and Cutter 37.00-39.50.

BULLS: Few 1-2 1100-1700 lbs. 48.00-51.00. WFM.

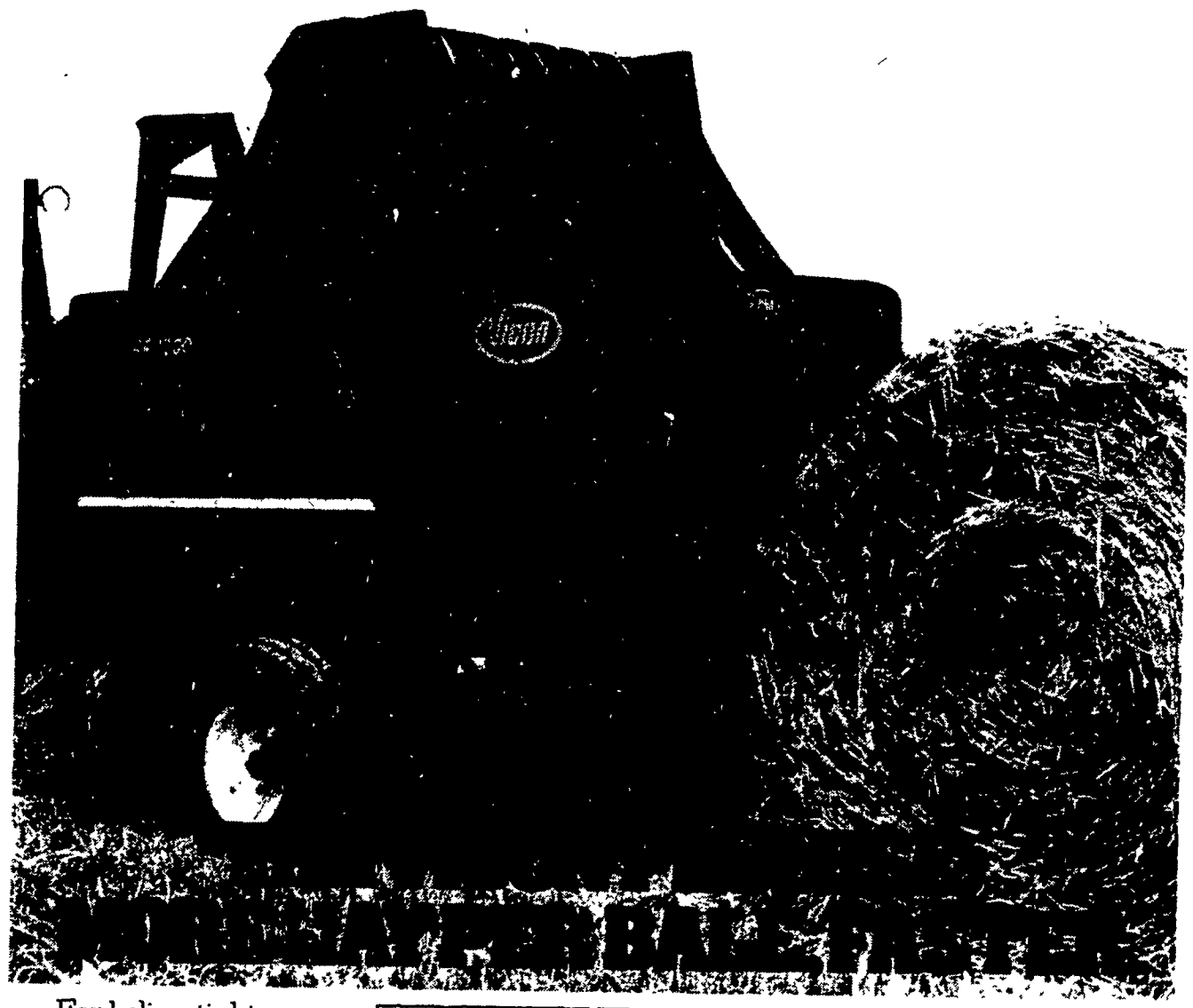
Greencastle Livestock

Greencastle, Pa.
Monday, June 20
Report Supplied By Auction

CATTLE: Butcher Steers-Choice 64.00-66.00; Butcher Steers-Medium-Good 53.00-64.00; Butcher Heifers-Choice up to 62.00; Butcher Heifers-Medium-Good 49.00-60.00; Butcher Cows-Utility-Good 46.00-51.00 few 54.00; Butcher Cows-Canners and Cutters 42.00-50.00; Butcher Cows-Shells down to 40.00; Butcher Bulls-Medium-Good 52.50-65.00; Stock Steers-Medium-Good up to 71.00; Stock Heifers-Medium-Good 57.50.

CALVES: Medium Good Calves-160-220 lbs. 65.00-80.00; Medium Good Calves-125-160 lbs. 60.00-75.00; Medium Good Calves-100-120 lbs. 55.00-70.00; Medium Good Calves-80-100 lbs. 50.00-65.00; Holstein Bull Calves up to 111.00; Holstein Heifer Calves-100.00; Light and Green Calves down to 35.00.

HOGS: Good-Choice Butcher Hogs 190-225 lbs. 44.00-47.00; Good-Choice Butcher Hogs 225-250 lbs. 46.00-47.00; Good-Choice Butcher Sows 400 lbs., down up to 35.50; Good-Choice Butcher Sows 400 lbs., up 36.00; Heavy Boars-32.00; Pigs-per head-12.00-30.00.



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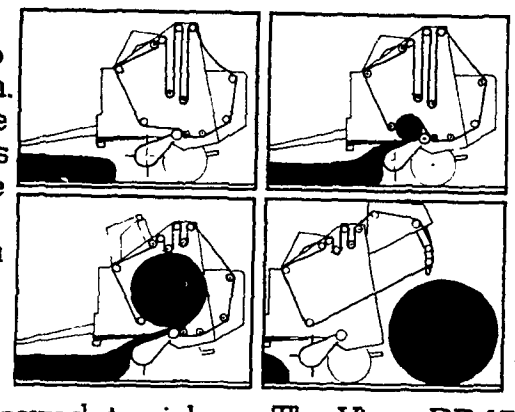

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Livestock market and auction news

Central U.S. Carlot

Wednesday, June 22
Report supplied by USDA

Compared to Tuesday's 4:00 P.M. report: Steer carcasses mostly steady, except Choice Holsteins $.50 higher. Heifer carcasses steady to $1.00 lower. Trade moderate to fairly active, demand moderate to good.

The gross boxed beef carcass cut-out value declined $.35 to an estimated $105.85 per cwt.

Sales reported on 76 loads of steer and heifer carcasses.

STEER BEEF
50½ Loads
FOB Omaha Basis

Choice 3 600-900 lbs. 101.00, steady.

Choice 4 600-900 lbs. 90.00, 1.00 lower.

Good 2-3 600-900 lbs. 95.00.

Choice 2-3 600-900 lbs. 93.00 (Hols) .50 higher.

Good 2-3 600-900 lbs. 86.00-87.00, steady mostly 87.00 (Hols).

FOB Amarillo Basis

Good 2-3 600-900 lbs. 95.00, steady.

HEIFER BEEF
25½ Loads
FOB Omaha Basis

Choice 3 550-700 lbs. 97.00-98.00, 1.00 lower.

Choice 3 500-550 lbs. 95.00, steady.

Choice 3 400-500 lbs. 93.00, steady.

Choice 4 500-700 lbs. 90.00, 1.00 lower.

Good 2-3 550-700 lbs. 93.00, steady.

FOB Amarillo Basis

Good 2-3 550-700 lbs. 93.00.

COW BEEF
10 Loads
FOB Omaha Basis

Cow carcasses steady to 1.00 lower.

Cnr & Cutter 1-2 350/up lbs. 83.00-85.00 (MW) 1.00 lower.

FOB Amarillo Basis

Bkrg Utlty 3-4 400/up lbs. 73.50 (West).

Bng Utlty 2-3 400/up lbs. 78.50.

Cnr & Cutter 1-2 350/up lbs. 82.50.

BULL BEEF
1 Load
FOB Omaha Basis

Bull 1-2 500/up lbs. 93.00.

PRIMAL BEEF CUTS
40 Loads
FOB Omaha Basis
Choice 3

Hinds (H) 120-170 lbs. 123.00-125.00.

Fores 130-210 lbs. 78.00-81.00, mostly 78.00-79.00.

BONELESS PROCESSING/ BEEF TRIMMINGS
98 Loads
FOB Omaha Basis

90% Chem Lean Fresh 114.00-116.00.

50% Chem Lean Fresh 48.00.

85% Chem Lean Fresh 108.00.

FOB Amarillo Basis

90% Chem Lean Fresh 116.50-117.00.

90% Chem Lean Frozen 116.50-117.00.

85% Chem Lean Fresh 110.00.

50% Chem Lean Fresh 49.00.

Compared to Tuesday's 4:00 p.m. report: Fresh pork loins 14-17 lbs. 3.00 to 5.50 lower than Monday, heavier weights 1.00 to 3.00 higher. Skinned Hams steady to 1.50 higher. Sdls bellies steady to 2.00 lower. Pork trimmings steady to 1.00 higher, Skinned Jowls steady to 1.00 lower. Demand, trading and supplies moderate.

Sales reported on 51 loads and 8½ loads of trimmings.

FRESH PORK CUTS

LOINS: (Regular) - 14&down lbs. 92.00; 14-17 lbs. 88.00-91.00, bulk 88.50 to 90.00, 3.00-5.00 lower than Monday; 14-17 lbs. 97.00 clear channel; 17-22 lbs. 88.00-89.00, mostly 3.00 higher; 22&up lbs. 73.50, 1.00 higher. (Retail Trim) - 14-17 lbs. 99.00-101.00, load short cut 103.00.

SKINNED HAMS: 14-17 lbs. 63.00-63.50, .50-1.00 higher; 17-20 lbs. 62.00-63.00, .50-1.50 higher; 20-26 lbs. 61.00-62.00. steady-1.00 higher.

BELLIES: (Sdls, Skin On): 10-12 lbs. 55.00, steady; 12-14 lbs. 63.00, 2.00 lower; 14-16 lbs. 63.00, 2.00 lower.

BONELESS PROCESSING/ PORK TRIMMINGS
(Chemical Lean)

42% Trimmings Fresh 33.00-34.00, steady-1.00 higher.

72% Trimmings Frozen 77.00, steady.

72% Bnls Pics Fresh 80.00.

Skinned Jowls Fresh 29.50-30.00.

Skinned Jowls Frozen 29.00-30.00, steady-1.00 lower.

G&M Livestock

Monday, June 20
Duncansville, Pa.
Report supplied by auction

SLAUGHTER CATTLE: Steers- Choice 62.00-65.50; Good 58.00-52.00; Standard 54.00-58.00; Utility 50.00-54.00. Heifers- Choice 60.00-62.50; Good 54.00-60.00; Standard 50.00-54.00; Utility 44.00-50.00. Cows- Choice 48.00-50.00, few to 53.00; Good 46.00-48.00; Standard 42.00-46.00, Utility 40.00-42.00; Cutters 38.00-40.00; Canners down to 35.00. Bulls- 1100-2050 lbs. 54.00-62.50; 900-1100 lbs. 50.00-58.00.

FEEDER CATTLE: Steers- Choice none; Medium and Good 300-700 lbs. 50.00-64.00. Heifers- Choice none; Medium and Good 300-600 lbs. 48.00-56.00.

CALVES: Vealers Prime and High Choice 90.00-96.00; Good and Choice 70.00-90.00; Standard 50.00-70.00; Utility down to 45.00. Farm Calves- Holstein bulls 90.00-120.00 lbs. 90.00-112.00. Heifers- 90.00-120.00 lbs. 75.00-107.00.

HOGS: Barrows and Gilts 200-240 lbs. 46.00-48.80; 170-300 lbs. 43.00-47.00. Sows 300-600 lbs. 30.00-43.50.

FEEDER PIGS: 25-35 lbs. 12.00-20.00 per head; 35-50 lbs. 20.00-38.00.

SHEEP: Slaughter lambs none. Ewes- 12.00-28.00. Goats- 15.00-32.00.

Peoria Cattle

Thursday, June 23
Report supplied by USDA

Compared to last week Slaughter Steers 1.00-3.00 lower with the most decline noted on 950-1050 lbs. and 1175-1300 lbs. consignments. Heifers 2.00-2.50 lower. Cows mostly 3.00 lower late. Bulls scarce and untested. Trade moderate during the week with buyers very selective as to weight and grade. Slaughter Steers in the 1050-1150 lbs. yield grade 2-3 range remain the most sought after with other weights and grades under pressure as the wholesale beef trade works to lower price levels. Receipts this week about 3100 as compared to 2524 a week ago and 2366 a year ago.

SLAUGHTER STEERS: Choice 2-4 1025-1175 lbs. 66.00-68.00, bulk 66.00-67.50. Few 1150-1300 lbs. 61.50-64.50. YG 3-5 1200-1300 lbs. 58.00-62.00. Good and Choice 2-3 1050-1250 lbs. 62.00-66.00. 950-1050 lbs. 60.00-62.00. Good 57.00-60.00 Holsteins: couple packages Good and Choice 2-3 1325-1400 lbs. 56.00.

SLAUGHTER HEIFERS: Choice 2-4 900-1050 lbs. 60.50-63.00, package YG 5 1200 lbs. 56.00. Good and Choice 2-3 850-1100 lbs. 58.00-62.00, late 58.00-60.50. Good 56.00-58.00.

COWS: Closing sales Utility 1-3 37.00-40.00, few 41.00-43.00. Cutter 35.00-39.00. Canner and low Cutter 32.00-35.00.

BULLS: Couple YG 1 1500-2000 lbs. 55.00-56.00. Few YG 2 1300-1700 lbs. 44.00-48.00.

East Coast Carlot

Wednesday, June 22
Report supplied by USDA

Compared to Tuesday's close: Prime special fed veal steady to weak. Good and Choice boning veal steady to 3.00 lower; inshipped no sales reported. Spring lamb slow to develop, weak tone. Compared to last week, boneless beef generally steady in narrow test; however, weak tone indicated. Beef trimmings steady.

VEAL CARCASS
Prime (Special Fed)
Hide On
190 Head

220-280 lbs. 182.00-187.00, steady to weak, mostly 185.00.

Good & Choice
Boning Type
Hide On

Northeastern Suppliers: 65-75 lbs. 95.00-98.00, all steady to 3.00 lower; 55-65 lbs. 93.00-96.00; 45-54 lbs. 91.00-94.00; 35-44 lbs. 89.00-92.00; 34 lbs. down 87.00-90.00.

Inshipped: No sales reported.

BONELESS BEEF
1 Load
(US and Canadian Origin)

Compred to last week: 90% chem lean, fresh 115.00, generally steady.

Beef Trimmings
1 Load

50% chem lean, fresh 52.00, steady.

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Livestock market and auction news

St. Louis Cattle

Thursday, June 23
Report Supplied By USDA

Receipts This Week; 3,800;
Week Ago 3,500;
Year Ago 4,100

Compared to the previous week, slaughter steers 1.50-2.00 lower. Slaughter heifers 1.00-1.50 lower. Cows weak to 1.00, instances 2.00 lower on boning utility. Bulls weak to 1.00 lower. Slaughter supply mainly choice slaughter steers arpimd 35% heifers and 10% cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1275 lbs. 63.00-64.00, closing 63.00-63.50. Choice 2-4 1000-1275 lbs. 61.50-63.50, closing 61.50-63.00; 900-1000 lbs. 60.00-62.00. Mixed Good and Choice 2-4 900-1225 lbs. 60.00-62.00. Good 2-3 900-1175 lbs. 58.00-61.00. Mostly good 2-3 1100-1250 lb. holsteins 52.00-55.50. Part load mixed good and choice 1400 lbs. 57.00. Standard to good 2-3 1075-1200 lbs. 48.00-52.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1100 lbs. 61.50-62.50, package early 63.00, closing sales 61.50-62.00. Choice 2-4 850-1050 lbs. 60.00-62.00, closing 60.00-61.50; 800-850 lbs. 58.00-60.00. Mixed Good and Choice 2-3 850-1000 lbs. 58.00-60.50; 750-850 lbs. 57.00-59.00. Good 2-3 750-950 lbs. 55.00-58.00.

COWS (Closing Week Sales) Utility and Commercial 2-4 40.00-43.00. Boning Utility 1-2 43.00-44.00. High-yielding utility 1-2 44.00-45.25. Cutter 1-2 39.00-42.00. Canner and low Cutter 1-2 34.00-39.00. Few Shelly Canner 1-2 31.00-34.00.

BULLS: YG 1-2 1050-1800 lbs. 48.00-54.00, closing 48.00-53.00. Few YG 1 early 55.00, individual late 53.75.

Wednesday's Weekly Sheep Auction. Receipts about 350 head. Compared last Wednesday, spring slaughter lambs 5.00-6.00 lower. Other classes scarce, prices not well tested. Supply mainly spring slaughter lambs.

Spring Slaughter Lambs: Choice and Prime 80-111 lbs. 44.50-48.00; Couple lots 107-119 lbs. 48.50-49.50. Several lots 70-86 lbs. 40.00-43.50.

SLAUGHTER EWES: Few Utility and Good 7.00-11.00. Few cull 5.00. Few aged bulls 6.50-7.50.

FEEDER LAMBS: Few small lots and individual head choice and fancy 55-72 lbs. 40.00-44.00.

FEEDERS: (including around 600 at the regular Thursday auction.) Feeder Steers and Heifers 1.00-3.00 lower. Supply mainly Medium Frame 1 and Mixed 1-2 500-900 lbs. steers and 350-700 lb. Heifers. Moderate buyer attendance.

FEEDER STEERS: Medium Frame 1: couple lots 420-425 lbs. 69.75-72.50; Scattered lots 525-650 lbs. 63.50-65.00; few 675-725 lbs. 57.50-58.00; scattered lots and individual head 800-1025 lbs. 55.00-59.50. Medium Frame 1-2 and scattered lots Small Frame 1: 325-550 lbs. 58.50-65.00; few 675-775 lbs. 53.00-56.50. Large Frame 2 Holsteins: several lots 625-775 lbs. 46.75-50.00.

FEEDER HEIFERS: Medium Frame 1: 350-500 lbs. 57.50-63.75; Mostly 59.00-61.50; several lots and individual head 500-600 lbs. 55.00-59.50; scattered lots 600-800 lbs. 53.75-56.50. Medium Framed 1-2 and few Small Frame 1: 375-600 lbs. 53.25-56.50.

COWS AND CALF PAIRS: Few head Small Frame 1 775 lb. Cows with baby calves at side 450.00 per pair.

Belleville Livestock

Belleville, Pa.
Wednesday, June 22, 1983
Report Supplied By PDA

CATTLE 130. Compared with last Wednesday's market; one Good slaughter steer at 60.35; few Standard 49.35-54.50. One Standard slaughter heifer at 50.50. Utility & Commercial slaughter cows 45.50-48.10, few to 51.00, Cutters 43.50-45.85, Canner & Low Cutter 40.50-43.50, Shells down to 25.50. One Standard slaughter bullock at 53.75. Few Yield Grade #1 900-1795 lbs. slaughter bulls 50.50-58.75. Few Medium Frame #1 450-730 lbs. feeder steers 60.00-67.50.

CALVES 226. Few Choice vealers 84.00-88.50, few Good 65.00-80.00, few Standard & Good 110-120 lbs. 60.00-65.00, 70-105 lbs. 50.00-60.00, Utility 50-85 lbs. 40.00-50.00. Farm calves, holstein bulls 90-125 lbs. 63.00-84.00, mostly 70.00-80.00; holstein heifers 85-110 lbs. 57.00-75.00.

HOGS 164. US No. 1-2 205-230 lbs. barrows & gilts 46.00-46.85, No. 1-3 200-250 lbs. 43.75-45.75, No. 1-3 140-175 lbs. 38.25-41.75, US No. 1-3 310-575 lbs. 32.00-35.75. Few Boars 26.50-38.00.

FEEDER PIGS 370. US No. 1-3 20-35 lbs. feeder pigs 20.50-29.50 per head, No. 1-3 35-50 lbs. 27.00-40.00, No. 1-3 50-60 lbs. 38.00-46.50, lot No. 1-3 160 lbs. 66.00 per head.

SHEEP 26. Choice 75-100 lbs. spring slaughter lambs 50.00-58.50, few 45-55 lbs. 60.00-72.00. Few Slaughter ewes 10.50-20.00.

GOATS 27. Large 21.00-45.00 per head, Kids 10.00-20.00.

Holstein Dairy Cows - $600-$1040, one 1200 per head.

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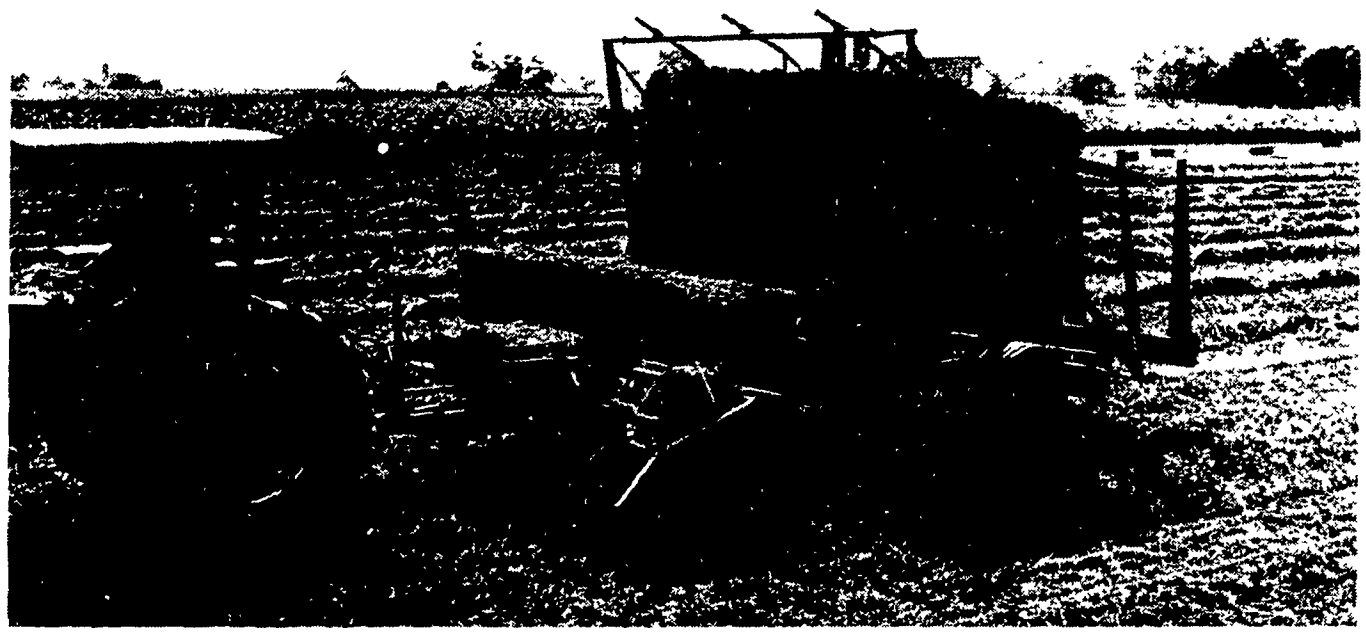

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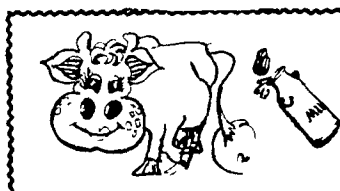

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Livestock market and auction news

Weekly Summary

Friday, June 24
Report Supplied By USDA

Markets 16.

CATTLE: 8427. Compared with 6897 head last week, and 7508 head a year ago. Compared with last week's market: Slaughter steers 1.00-1.50 lower; Sl. cows, heifers & bullocks 1.00-2.00 lower, Sl. bulls unevenly steady. Sl steers: High Choice & Prime 63.00-67.00; Choice 61.00-65.00; Good 56.00-62.00; Standard 49.00-58.00. Sl. heifers: Choice 57.50-62.00; Good 51.00-59.00; Standard 47.00-54.00. Sl. cows: Utility & Commercial 43.50-50.00; Cutters 41.00-47.00; Canner & L. Cutter 34.00-44.00; Shells down to 26.00. sl. bullocks: Choice 58.25-61.25; Good 52.00-58.75. Sl. bulls: Yield Grade No. 1, 1200-2200 lbs. 51.00-63.00; Yield Grade No. 2, 800-1400 lbs. 48.00-55.00.

FEEDER CATTLE: Steers, Medium Frame No. 1, 400-700 lbs. 52.00-65.00. Heifers, (few) Medium Frame No. 1, 350-600 lbs. 50.00-60.00. Bulls, (Few) Medium Frame No. 1, 500-700 lbs. 50.00-60.00.

CALVES: 4641. Compared with 3131 head last week and 3919 head a year ago. Vealers weak to 10.00 lower. Choice 70.00-90.00, few to 100.00; Good 60.00-85.00; 90-110 lbs. 50.00-65.00; 70-90 lbs. 45.00-58.00; Utility 50-90 lbs. 35.00-50.00.

FARM CALVES: Hol. Bulls 90-125 lbs. 60.00-100.00; Hol. Heifers 90-130 lbs. 70.00-90.00.

HOGS: 7440. Compared with 6158 head last week and 7321 head a year ago. Barrows and gilts .50-1.50 lower. US No. 1-2 200-250 lbs. 46.00-49.00 No. 1-3 200-260 lbs. 44.00-47.00; few No. 2-3 230-280 lbs. 40.00-45.00; few No. 1-3 160-190 lbs. 38.00-44.00; Sows 3.00-4.00 lower US No. 1-3 300-600 lbs. 32.00-37.00; few No. 2-3 400-700 lbs. 30.00-34.00. Boars 28.00-35.00.

FEEDER PIGS: 1773. Compared with 783 head last week and 1291 a year ago. Steady to strong. US NO. 1-3 20-35 lbs. 15.00-32.00 per head; No. 1-3 35-50 lbs. 25.00-41.00; No. 1-3 50-65 lbs. 35.00-46.50.

SHEEP: 1512. Compared with 1109 head last week and 989 head a year ago. Weak to 5.00 lower. Choice 60-110 lbs. 50.00-64.00; Good 50-100 lbs. 40.00-56.00. Sl. ewes: 5.00-22.00.

3 GRADED FEEDER PIG SALES: 2824. Compared with 1564 head last week, and 2452 head a year ago. All sales by CWT. Feeder Pigs 25-60 lbs. 5.00-12.00 higher, 60 lbs. & up steady to 10.00 lower. US No. 1-2 25-40 lbs. 72.00-95.00, few to 108.00, 40-50 lbs. 60.00-90.00, few to 100.00, 50-60 lbs. 55.00-82.00, 60-80 lbs. 50.00-71.50; US No. 2-3 25-40 lbs. 72.00-91.00, 40-50 lbs. 60.00-90.00, 50-60 lbs. 50.00-56.00.

Westminster Livestock Auction

Westminster, Md.
Tuesday, June 21
Report supplied by auction

BUTCHER COWS: Weak to 1.50 lower. High Yield 47.00-48.50; Standard & Utility 43.00-47.00. Canners- 40.00-44.00. Shelly- 40.00 down. Slaughter Bulls- Good heavy weights 54.00-56.00. Fed Steers- Couple High Choice 65.50-66.50; Good 56.50-59.00; Stnadard 49.00-51.00. Fed Heifers- Choice 60.00-60.75; Good 55.00-58.50.

BUCHER HOGS: 2.00 under last week. US #1&3 215-260 lb. 43.10-44.50. US #1&2 240-260 lb. 44.10-44.50; 195-210 lb. 41.50-45.00. Sows- 350-700 lb. 32.50-35.75. Boars- 480-680 lb. 30.25-31.75.

VEAL CALVES: 5.00 lower. Good & Choice 70.00-83.50; Standard 55.00-69.00; Stocky & Thin 45.00-55.00; Killers 80-100 lb. 55.00-60.00; Weak & Thin 50.00 down.

CALVES RETURNED TO FARM: Holstein Bulls- 95-125 lb. 70.00-95.00.

LAMBS: 5.00 lower. Choice 90-120 lb. 48.50-49.50; 50-90 lb. 40.00-47.00. Sheep- 10.00-25.00. Goats- 27.00-63.00. Kids- 10.00-30.00.

STOCK CATTLE: Steers- Few Good 400-600 lb. 60.00-63.50. Holsteins 57.00-58.50. Heifers- Several Choice 500-750 lb. 56.00-63.00; Good 47.00-55.00. Bulls- 300-600 lb. (Good) 55.00-61.00.

PIGS AND SHOATS: Large run; steady to 2.00 lower. By the head- 15-30 lb. 12.00-23.00; 30-50 lb. 28.00-38.00. By the lb.- 80-145 lb. 38.00-43.00. Stock Boars 230 lb. to 33.50.

Chambersburg Auction

Chambersburg, Pa.
Thursday, June 23
Report supplied by PDA

CATTLE 379. Compared with last week's market: Slaughter steers grading Good 1.50-3.50 lower; Sl. cows 2.50-4.00 lower; Sl. bulls .75-1.25 lower. Sl. steers: Good 55.50-57.10, few to 60.50. Holsteins: Good 54.00-58.10; Standard 50.10-51.25, few to 55.00. Sl. Heifers: few Choice 55.85-58.35; few Good 52.50-55.00, few Stnadard 47.48-51.50. Sl. Cows: Utility & Commercial 43.00-46.85, few to 48.35; Cutters 42.00-44.75; Canner & L. Cutter 38.75-42.25; Shells down to 35.00. Sl. bulls: Yield Grade No. 1, 1200-1750 lbs. 52.25-57.60; (few) Yield Grade No. 2, 900-1150 lbs. 47.85-50.50.

FEEDER CATTLE: Heifers, (few) Large Frame No. 1, 380-510 lbs. 57.00-64.00. Bulls, (few) Large Frame No. 1, 410-570 lbs. 66.00-71.00.

CALVES: 480. Vealers 10.00-20.00 lower. Choice 69.00-78.00; Good 60.00-67.00; 70-105 lbs. 50.00-61.00; Utility 50-85 lbs. 35.00-53.00.

FARM CALVES: 15.00-40.00 lower. Hol. Bulls 90-125 lbs. 58.00-65.00; Hol. Heifers 75-95 lbs. 57.00-76.00; few 110-165 lbs. 80.00-118.00.

HOGS: 70. Barrows and gilts about steady. US No. 1-2 210-230 lbs. 46.85-47.10; No. 1-3 230-250 lbs. 44.75-45.50; Sows US No. 1-3 300-570 lbs. 32.00-34.50. Few Boars 29.75-34.50.

FEEDER PIGS 27. One lot US No. 1-3 35 lbs. at 22.00 per head; one lot No. 1-3 60 lbs. at 35.00 per head.

SHEEP: 22. (few) Good & Choice 40-100 lbs. 42.00-45.00.

GOATS: 4. few large Goats 18.00-23.00 per head.

Delmarva Poultry

Thursday, June 23
Report supplied by USDA

Market Comment: Ready-to-cook slightly improved but still disappointing. Offerings exceed current call with discounting still needed on both whole birds and most parts. Less than truck lost asking prices are unchanged at 49-53 cents. Slaughter schedules are mainly moderate but supplies are adequate at heavier trending weights. Undertone just steady.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 1,876,000; Actual for 16th, 1,680; Actual for 21st, 1,857; Average Weights for 21st, 4.28; for 14th, 4.26.

Indiana Livestock

Homer City, Pa.
Thursday, June 23
Report Supplied By PDA

CATTLE: 148. Compared with last week's market: Sl. cows 2.50-3.00 lower. Sl. steers: (few) Good 59.00-61.00; (few) Standard 54.00-56.00. Sl heifers: (few) Good 56.00-78.00; Standard 53.00-54.50. Sl. cows: Utility & Commercial 43.25-46.75, one at 49.50; Cutters 40.00-43.50; Canner & L. Cutter 32.00-40.00; Shells down to 26.00. Sl. bullocks: Couple Good 58.25. Sl. bulls: Yield Grade No. 1., 1100-1600 lbs. 51.00-55.50; Yield Grade No. 2, 900-1200 lbs. 48.00-50.50.

FEEDER CATTLE: Heifers, Medium Frame No. 1, 400-650 lbs. 49.00-55.00. Bulls, (Few) Medium Frame No. 1, 400-600 lbs. 46.00-53.00.

CALVES: 121. Vealers 4.00-6.00 lower. Choice 67.00-78.00; Good 60.00-68.00; 90-120 lbs. 58.00-65.50; 60-85 lbs. 49.00-59.50.

FARM CALVES: Hol. Bulls 90-125 lbs. 68.00-80.00; (few) Hol. Heifers 85-115 lbs. 70.00-82.00.

HOGS: 119. Barrows and gilts .25-.50 lower. US No. 1-2 220-245 lbs. 46.50-47.25 No. 1-3 205-260 lbs. 45.00-46.75; (few) No. 2-3 260-290 lbs. 44.00-45.00; (few) US No. 1-3 160-170 lbs. 40.00-44.00; Sows (few) US No. 1-3 350-500 lbs. 34.00-36.00; (few) No. 2-3 400-550 lbs. 30.00-33.00. Boars 28.75-33.00.

SHEEP: 46. Lambs 4.00-5.00 lower. Choice 75-85 lbs. 48.50-51.75, one lot 90 lbs. at 60.25. Good 57-65 lbs. 44.75-48.00. Sl. sheep: 11.00-16.00.

GOATS: 6. 20.00-33.00 per head.

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Penn State 'clones' cotton plants

UNIVERSITY PARK — Plant scientists at Penn State have become the first to product cotton directly from cell tissue instead of from seed. The technique is gaining worldwide recognition as a "breakthrough" in producing plants with superior genes.

The cotton plants were regenerated from cellular atructure known as callus tissue. Gayle Davidonis, research assistant at the Pesticide Research Laboratory of Penn State, reported the experiments at the 10th annual meeting of the Plant Growth regulatory Society of America June 21 in East Lansing, Mich.

Callus tissue, she explained, is a mass of cells not in any recognizable form. Such tissue can be obtained from any part of a mature or seedling plant and can be maintained almost indefinitely. Some cells can be induced to form embryos by an appropriate change in nutrients.

Davidonis works with Robert H. Hamilton and Ralph O. Mumma at Penn State. The three claim that regeneration of whole cotton plants from callus tissue is the first step in using genetic engineering techniques to produce desirable new traits in cotton.

"Fortunately, plant tissue cultures maintain the basic metabolic or biochemical characteristics of the original plants," declares Dr. Mumma. "Scientists now have an opportunity to select cotton plants for desirable traits such as resistance to salt damage, weed killers, and pests," he adds.

Development of embryos from ordinary (somatic) plant cells was first demonstrated with carrots in the 1950's.

"Using this and other methods, it is now possible to propagate over 250 species of cultivated plants," Dr. Davidonis said. "Nearly 100 commercial facilities are using tissue culture to reproduce a variety of ornamental plants as well as food and forest crops," she added.

Geneticists can now develop new breeding lines of cotton with superior qualities from an exceptional plant. Then new plants can be generated directly from ordinary (somatic) cells. The challenge, it was pointed out, is first to produce outstanding plants by asexual cloning methods.

The somatic cell cloning process was describing as "regenerating new crop strains much faster than the old-style cross-fertilization." Plant tissue cultures are free of microorganisms and require only shelf space with little or no light. Plant tissue cultures are easy and economical to produce and can be grown year around.

Culture conditions needed to regenerate tissue into cotton plants were discovered at Penn State during experiments into the way a new insecticide was metabolized or broken down by callus tissue. Careful control of growth regulators and other nutrients in the growth medium was vital in the research, it was noted.

Davidonis believes the Penn State achievement in cloning cotton plants has been anticipated for a long time. Other major food and forage plants such as potatoes, corn, and alfalfa have been regenerated from tissue culture. She urged scientists to continue their efforts to regenerate soybeans—an increasingly vital farm crop. And she noted that biotechnical companies are "heavily into tissue culture."

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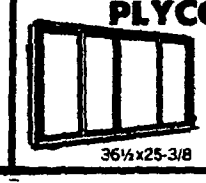

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Horse disease comments requested

WASHINGTON, D.C. — Are current U.S. Department of Agriculture regulations to prevent the introduction and spread of contagious equine metritis too strict or not strict enough?

"That's the question we're asking the horse industry," said John K. Atwell, deputy administrator of USDA's Animal and Plant Health Inspection Service.

"There are some horse importers and breeders who would like to see USDA turn the control of this veneral disease over to the horse industry," he said. "Others would like to see an industry—state cooperative program. Still others are asking that USDA make horse import regulations even tighter than they now are."

Contagious equine metritis is a bacterial disease, first diagnosed in 1977. Since then, USDA has restricted the movement of breeding-age stallions and mares into the United States from countries known to be affected by the disease. These restrictions have prevented introduction and spread of the disease in the United States.

However, the disease has been found in animals not known to have been bred. Also, it is supposed that many horses move from one country to another so that horses from affected countries may be exported by unaffected countries.

Notice of this request for public comment is scheduled to be published in the June 14 Federal Register. A complete copy of the notice is available from the Regulatory Coordination Staff, APHIS, USDA, Room 728, Federal Building, Hyattsville, Md. 20782. Written comments should be sent to the same office before Aug. 15.

Berwick vegetable co-op meets

BERWICK — There was a large turnout of members and guests as Berwick Vegetable Cooperative celebrated its 30th Anniversary at their annual dinner-session held recently at Maria A' nta Hall.

Edward Hopki of Falls, President of the rd of Directors, extended a v ome prior to dinner and later nducted the business meetin Secretary's report was given by Myrtle Hetherington, with Earl Miller, Vice President, presenting a report of the nominating committee. Audit report was by Robert Lussi.

Guest speaker George Hubbard, Executive Director of the Luzerne County Agriculture Stabilization and Conservation Service, told the organizations members they should establish closer communications with their Congressmen to keep better informed of the many varied programs available to farmers.

Hubbard explained that farm programs are constantly changing and it is necessary for farmers to keep up with them.

According to Hubbard, the various farm programs should come from the farmers to be of most benefit to them. He said farmers must decide which programs they will support.

Hubbard also pointed out that prices must be maintained at a level where farmers are able to stay in business.

The Luzerne County agricultural official also enumerated some of the programs available to farmers and stressed the important role farmers play in the American economy.

Vegetable Cooperative manager, Angelo Venditti indicated the organization has had a busy year and urged members to use the Cooperative more often in the future. "We are ready to help you in any way we can," Venditti said.

Elected to the board of directors were: Lester Landsiedel, Dalton; Harold Smith, Nescopeck; Mickey Fought, Millville; Harold Rarig, Catawissa; and Reymond Hetherinton, Ringtown.

Guests included Alfred Skala, Luzerne County Extension Agent; Thomas Jurchak, Lackawanna, C.E.D.; Allen Shoener, Schuylkill C.E.D.; Robert Houston, Columbia C.E.D. Other guests included Marlin McClellan Director of Central District Pa. Department of Agriculture; Russell Gunton Director of North Eastern District Pa. Department of Agriculture; W. Wayne Hinish, Associate Director of Cooperative Extension Service Penn State University, and Francis Witham, Head Professor of Horticulture at Penn State University.

The Vegetable Cooperative has a warehouse, and offices at 1665 Spring Garden Avenue.

Founded to provide a produce marketing service and farm supply purchasing service to vegetable and potato growers of several counties surrounding Berwick, the cooperative has grown to 152 members.

The Cooperative services 465 producers in 15 counties in Northeastern and 3 counties in Western Pennsylvania. Produce its trucked along the Eastern coast line and exported outside the U.S. by ship. Among the produce handled is cabbage, green beans, peppers, potatoes, pumpkins, sweet corn, and tomatoes. It also handles produce containers, seed potatoes, and vegetable plants.

USDA to hold hearing on marketing agreements

The Agricultural Marketing Service, USDA, will hold a joint hearing July 19 to consider industry proposals to amend the Middle Atlantic and New York-New Jersey Federal milk orders. A number of proposals would extend the respective order marketing areas into 23 counties in eastern and northeastern Pennsylvania. Other key proposals that will be considered at the hearing deal with the matter of price alignment between the respective orders. Also, other proposals would amend certain provisions of the New York-New Jersey order. Proponents, which include both handlers and producer groups, contend that the changes are needed to reflect changed marketing conditions.

The hearing will convene July 19, 1983, beginning of 9:30 a.m.

The hearing will be held at the Holiday Inn West, Route 22 at the junction of Route 309 (1 mile east of Lehigh Valley Interchange of the Pennsylvania Turnpike, N.E. extension) Allentown.

For further information contact Maurice M. Martin, Marketing Specialist, Dairy Division, Agricultural Marketing Service, U.S. Department of Agriculture, Washington, D.C. 20250, 202/447-7183.

The hearing is called pursuant to the provisions of the Agricultural Marketing Agreement Act of 1937, as amended (7 U.S.C. 601 et seq.,), and the applicable rules of practice and procedure governing the formulation of marketing agreements and orders (7 CFR Part 900).

The purpose of the hearing is to receive evidence with respect to the economic and marketing conditions in the Middle Atlantic and New York-New Jersey marketing areas which relate to the proposed amendments, and any appropriate modifications to the tentative marketing agreements and to the orders.

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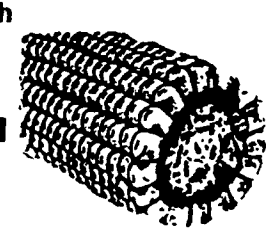

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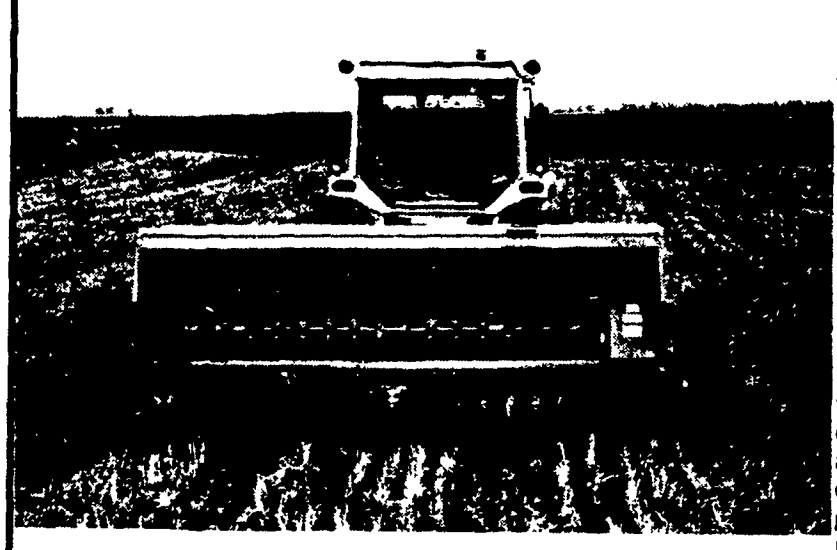

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Despite stray voltage problem

Half century in dairy & still going strong

BY HAROLD SHELLY

PEN ARGYL — Fred Achenbach started farming at age 17 with two mules and three cows. He also brought a new bride to his rented farm adjacent to the home farm in the rolling hills of Northampton County near Pen Argyl.

That was fifty years ago, and Achenbach who's almost 68, says that he still enjoys farming, and all the ups and downs that go with it.

Until 1978, he had a registered dairy herd that was among the top DHIA herds in the county. A serious mastitis problem developed, and the herd was dispersed. It wasn't until long after the herd had gone, that stray voltage was found to be the culprit. The source of the voltage turned out to be half mile from the farm.

Achenbach is now in the business of selling replacement heifers. He says he enjoys it because he gets up at 6:30 A.M. instead of 4:30, manages to get a day off once in a while, "and besides, I'm having fun."

The business has no slow period, and keeps him busy year 'round. He tries to have the animals bred so they freshen in the fall, when demand is greatest.

The present herd consists of 260 animals, but the number can vary from day to day as replacements are sold, and new, younger calves are added to the herd.

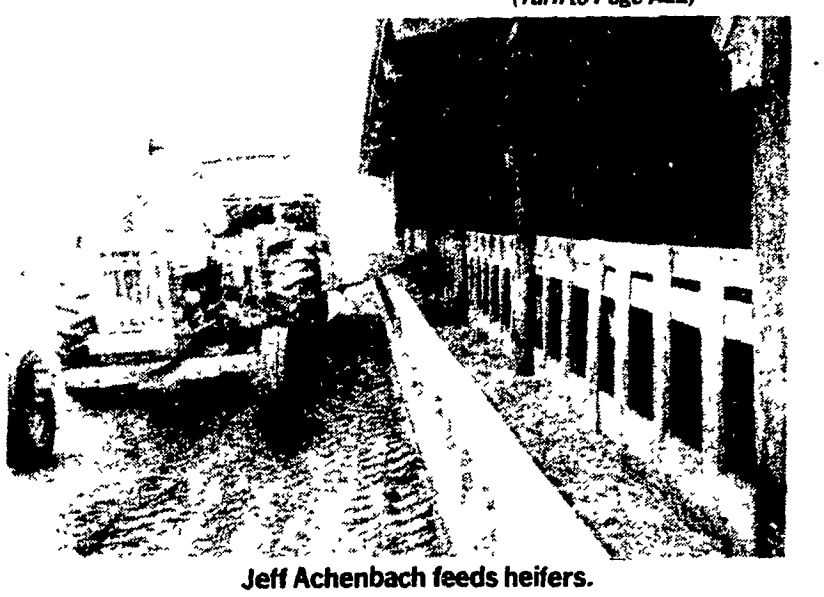
Achenbach buys open heifers at dispersal sales, usually from one-year-old to breeding age. They are bred to a registered bull that runs with the herd, and sold mainly to local dairymen, just before they freshen.

The philosophy at Henroy Farms is to buy only top animals, breed them at 850 pounds, and sell them a month to six weeks before they freshen, when they weigh 1300 pounds. Fred says with a top animal, he charges a premium price. "I must be doing something right, I keep getting repeat business.

The herd stays in the barn year round, and is fed corn silage in the winter. They are presently feeding ryelage and haylage. All the feed is home-grown on 450 acres. The home farm is 200 acres, and the

(Turn to Page A22)

Fred Achenbach, half-century veteran in dairying, pauses briefly in tractor cab.



Jeff Achenbach feeds heifers.

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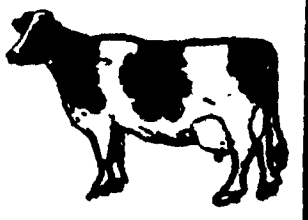

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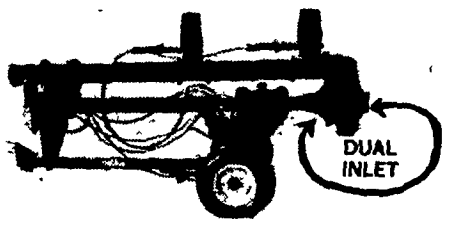

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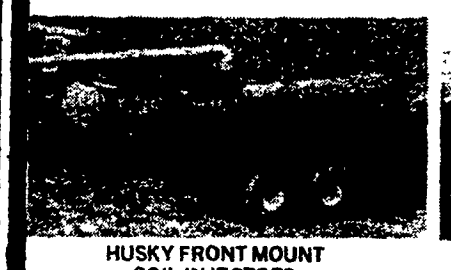

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National Jersey meeting

(Continued from Page A1)

Forty-one states were represented by breeders attending the meetings, with 43 Pennsylvanians traveling to Wayne County, Ohio, to participate in AJCC activities. A close-knit group, Pennsylvania Jersey breeders could be found each evening at the local Friendly's Ice Cream Parlor, making their plans for 1985 when Pennsylvanian breeders will be hosting the AJCC Annual Meeting in Downington, Chester County.

Activities began on Sunday, June 19th. After registration at the Ramada Inn, Wooster, the hosting Ohio Jersey dairymen provided their quests with a tour of the Ohio Agricultural Research and Development Center on the outskirts of Wooster.

Site of all the meeting functions, the thousands of acres at 11 different locations throughout Ohio of the OARDC are committed to research dealing with the "interrelationship of all agricultural production and marketing practices, the development of an agricultural product from the germination of a seed or development of an embryo through to the consumers table, and is geared to enhancing and preserving the quality of the environment. The OARDC consists of entomology laboratories and greenhouses, horticultural greenhouses, solar pond, agronomy and forestry greenhouses, animal nutrition and veterinary research facilities, grain storage and feed processing facilities, a rose garden, weather station, arboretum, dairy barns, as well as an auditorium, library, and statistics laboratory. It provided an appropriate and beautiful site for the "innovative, progressive, and competitive" American Jersey Cattle Club.

Largest state delegation at the National Jersey meeting was group from Pennsylvania. Total of 43 attended, with 39 shown in group photo.

Farm tours were scheduled for Monday with breeders able to compare management practices and dairy set-ups, as well as evaluate several dams of some of the consignments to the National Heifer Sale to be held the next day.

Visits were made to the farms of Eli and Ella Hilty, an Amish farmstead of 80 acres and 24 milking Jerseys, the Margandale Farm of Dale and Margaret Kauffman with a 1982 DHIR average of 13,193 pounds milk and 700 pounds fat on 119 lactations, the Hyland Acres of Larry and Carolyn Alexander - an efficient and well-kept operation of 180 milkers being one of the largest in the state, the Mykrantz Brothers fifth generation dairy, the Bil-Wa herd of Homer, Richard, Jim, and John Billman, and the Praldo Jersey Farm of the Randall Billman family.

After the tours, and a review of the sale animals of the upcoming national sale, breeders were treated to a barbeque dinner and dancing at the Wayne County Fairgrounds sponsored by the Wayne County Jersey Breeders.

At the breakfast on Tuesday morning, the AJCC honored several "Jersey dairy wives". Guy M. Crews, Assistant Secretary of National All-Jersey, Inc., conceded that "all farms are partnerships", as he admitted that it is often the wife that holds things together.

There were eight women honored as "exceptional dairy wives'. They included: Jane King, Florence Kracht, Oneva Rowzee, Geneva Riggs, Peggy Lewis, Linda Billman, Arlene Chamberlain, and Pennsylvanian, Berks County, Pennsylvanian, Helene Dreisbach. Wife of Dr. Robert Dreisbach of R3, Hamburg, Berks County, Pennsylvania, Helene was recognized for the efforts that she and her husband have put into the equity program and support for the advancement of the Jersey breed. Their "Wilderness" Jerseys number approximately 75 milkers and there are several "Wilderness" bulls in major A.I. organizations. Helene manages the entire Jersey herd since her husband is usually busy in the fields or in his small animal veterinary practice. As Crews jokingly stated at the breakfast, "Doc gets the imaginary call" when trouble arises and Helene takes over.

As an added treat, Pat Leimbach, Vermillion, Ohio, a noted author and lecturer with extensive farm wife training yet humorous outlook, was the featured speaker for the morning. "I think all our problems arise from the fact that we don't have any manual of procedure", she told all the dairy wives present. "We have a lifetime of on the job training." With continuous witty dialogue, Leimbach went from one farm wife dilemma to another and stated, "knowing dairy women, I knew they were disciplined to sit through and endure, no matter what." Concerning women's liberation, she also added, "after 31 years of going over those ruts and bumps, disking, I'm not about to burn my bra."

The 25th annual business meeting of the National All-Jersey Inc., was called to order by President G. • Joe Lyon who reported on the organized efforts of NAJ towards influencing the market for equity. The National All-Jersey, Inc., program was formed to promote the increased production and sale of Jersey milk and milk products and to promote Jersey cattle and the interests of breeders of Jersey cattle throughout the world. After being welcomed by Convention Coordinator, Thomas Nuhfer, Jersey breeder from Ohio, NAJ officers gave their reports. (Turn to Page A22)

BY ROBIN PHI
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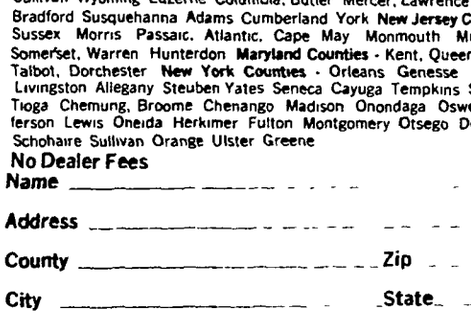
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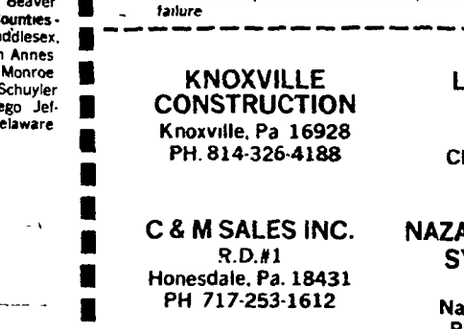
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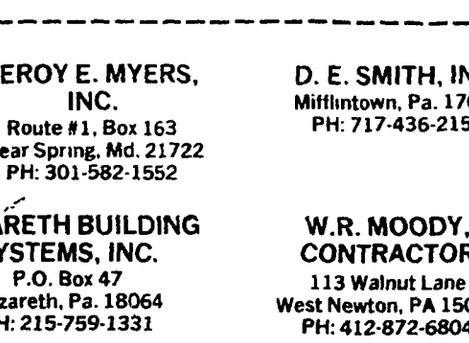
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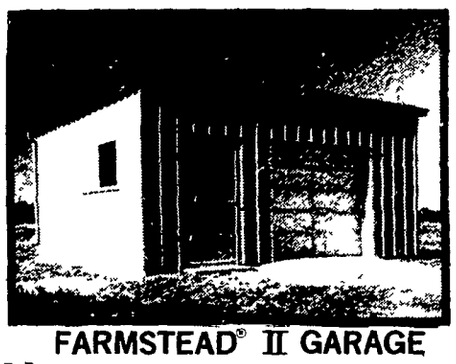
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(Turn to Page A22)

Pa. Jerseys in spotlight at national sales

BY ROBIN PHILLIPS
Staff Correspondent

WOOSTER, Ohio — The quality of Pennsylvania Jerseys once again spoke for itself as Pennsylvania consignments were among the top sellers at the 26th Annual National Heifer Sale and the Ohio Centennial Sale held in conjunction with the Annual convention of the American Jersey Cattle Club.

As the auctioneer, Merlin Woodruff chanted, "If she don't do good for you fellas, shoot the bull, cause it's not her fault," the sale average rose to $1976.83 on the 41 heifers sold.

With the average pedigree index of the consignments at +1,065 and an estimated transmitting ability of +1,332M, the consignments boasted 41 dams averaging 15,070M, 736F on their highest 305-day actual records. Bidding was brisk on the daughters of all the breed's highest PTI bulls.

The highest bid went to an Ohio bred heifer, Minnie Pansy Saint Shirley - ET, a daughter of the leading lifetime milk and fat producer, Basil Lucy Minnie Pansy, the only Jersey cow to complete three official records over 30,000M. Consigned by William H. Diley and Sons, Canal Winchester, Ohio, Shirley ET, is a fancy daughter of Favorite Saint and is carrying service to Observer Chocolate Soldier. The top bid of $7100.00 was received from the Tansy Syndicate of Clearbrook, Virginia, and the buyers were offered their choice of Shirley or any of her four full sisters who could be seen at the Diley farm.

Second high-selling animal in Ohio Centennial Sale was Pa. Consignment. From left are John McConnell and wife and John Hoye, consignors; J.J. Malnati and Bob Lord, at halter, buyers.

The distinction of second high selling animal went to the consignment of Cooperrider and Sons, Croton, Ohio. GR Buttercrest Saint Brendy, a Favorite Saint daughter out of a high milk and high testing "Chocolate Soldier" dam, went to the Greenwood Jersey Farm of Charles Steer, South Carolina, on his successful bid of $3200.00.

The consignment of Waverly Farms, Clearbrook, Virginia was the third high selling animal at $3000.00 on the bid from Amzi Rankin of Cedarcrest Farm, Faunsdale, Alabama. Another Favorite Saint daughter, this heifer boasted a "Surville" dam testing up to 6.4% and milk records over 17,000 pounds. W.F. Saint Cheryl was pasture bred to W.F. Quicksilver Jemini and due in the fall.

Although narrowly missing the top three highest animals, the consignment of Pennsylvania breeders, Bob and Connie Lusk, R2, Charleroi, "Favorite Lacey of Little Acres", brought the bid of $2500.00 from Curtis Hobson of Mayfield Farm, Athens, Tennessee. Also a daughter of Favorite Saint, this heifer has a "very good" 88% "Samson" dam with records over 15,000 M and an "excellent" - 90% "Generator" granddam with records over 19,000 M and 5.3% butterfat, who made this Hall of Fame record at 6 years, 2 months of age. With an ETA for type of +1.5, this heifer was bred to the very popular bull, "Top Brass", and due in the fall.

Although this sale is an annual project to provide continuing funds for the Jersey Youth program, the contests and shows, it also was begun to make available high quality heifers from every section of the country through a national sale. The 41 consignments went to 13 different states with 13 animals commanding over $2000.00 bids.

After the national Heifer Sale, the Ohio Jersey Breeders Association held the Ohio Centennial Sale in celebration of the 100th anniversary of the Ohio Association.

Of the 22 carefully screened consignments who had to meet high production and type criteria to be selected, the Pennsylvania consignment of Hillcrest Jersey Farm, R2, Volant, owned by John Hoye and John McConnell, became the second highest animal in the sale on the bid of $3000.00 from Bob Lord of the renowned Billings Farm, Woodstock, Vermont. A fancy daughter of Quicksilvers Magic of Ogston with PD +1860M - .2.6% +66F +240$ and PDT +0.5 with a PTI of +303, "Magic Dinah Daisy", carried service to "Top Brass" and was currently working on her 1 year, 11 month record of over 13,000 pounds milk and 650 pounds fat actual.

It was only fitting that the distinction of Highest selling animal went to an Ohio bred cow as "Stand-By Frederick Brynn" sold for $3400.00 on the successful bid from Joe Crowley of Ohio. "Brynn" was consigned by Arthur and Jeanine Hawkins of Jefferson, Ohio and was pumping out her 2-11 record of +16,000 pounds and 848 pounds fat - projected ME. This "VG - 81%" daughter of HL Pompey Frederick was bred to Favorite Saint and due in the fall.

Over 500 Jersey breeders attended the two sales as they were held in air-conditioned comfort in the Fisher Auditorium of the Ohio Agricultural Research and Development Center. The stage was beautifully set for the occasion as the consignments were paraded across the stage for the bidding.

Bob and Connie Lusk stand with their Pa. consignment, which commanded bid of $2500. From the left are the Lusks, Curt Hobson, Mayfield Farm, buyer and Barbara Brewer, at halter.

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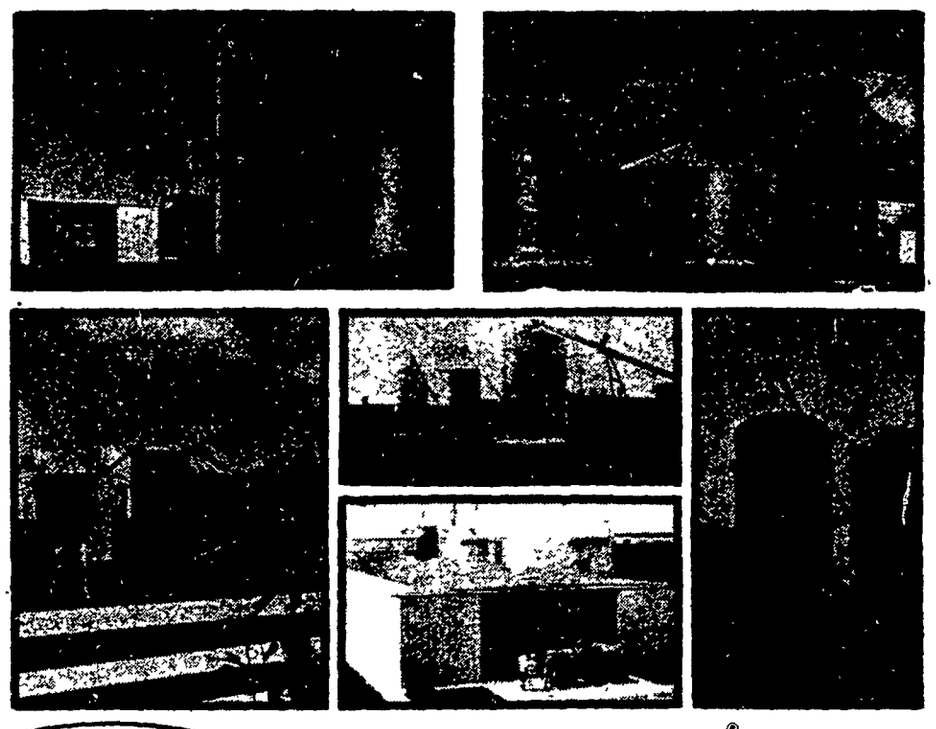

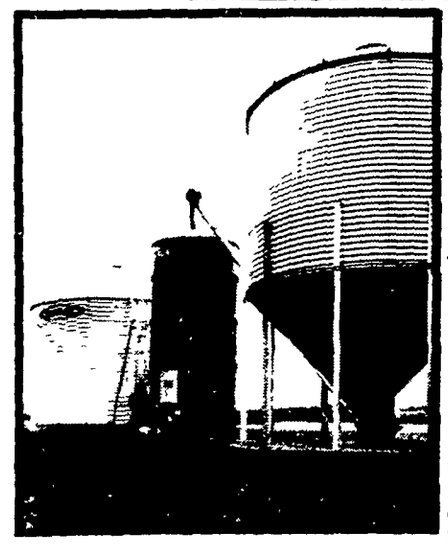

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National Jersey

(Continued from Page A20)

Assistant Secretary, Guy Crews, reminded dairymen, particularly those that are Jersey oriented, to involve themselves in milk marketing, and of the continued need for dairy producers to support higher minimum standards for milk offered for sale to consumers.

"The dairy farmer in America is not as personally involved in the marketing of his product as he should be," he stated.

"The producer of today cannot afford the luxury of letting some unsupervised management entity market his product."

As the Executive Secretary, James Cavanaugh, also stated, "For more than fifty years, milk marketing efforts have benefitted the Jersey breed". Stating that "Today, 'Equity' in milk pricing is the talk of the dairy industry", Calvin Covington, Executive Assistant of NAJ, reminded dairymen that 'Equity' benefits both the plants and the consumers and has increased the profitability of many plants. "Equity" also increases the value and demand for Jersey cattle and although Holstein dairymen across the states are either converting or adding Jerseys to their dairies as a result of Equity pricing, the high producing Holstein cows can also put added dollars in a dairymen's pocket if the dairyman is paid for her large amount of protein produced under a fair and equitable system.

To further its marketing advances, National All-Jersey has recently developed its own brand label for cheese. Called "Jersey Pride", the label and marketing program will be available on a franchise basis to be used by cheese plants.

National All-Jersey, Inc. also honors its "Equity" investors each year for their continuous financial support of the Equity program. This year, 22 investors were given certificates for five years of financial support. Ray A. Sollenberger, Everett, Pennsylvania was the Pa. recipient of 1983 for his 5 years of support.

The Ohio Jersey Breeders Association was commended for the excellent scheduling and programming for the 1983 convention. Co-Chairmen for the event were Betty Spahr, and Carl and Audrey Buckwalter, all of Ohio.

There were representatives present from the Guernsey Association, the Canadian Jersey Cattle Club, NDHIA, The Production Credit Association, all major A.I. organizations, the Ohio State University and its Extension, Hoard's Dairyman, and Lancaster Farming.

Half century

(Continued from Page A19)

balance is rented ground.

The work force consists of Fred, his son Henry, and grandson, Jeff, son of LeRoy Achenbach, the other half of Henroy Farm. Jeff is a 1978 graduate of East Northampton Vo-Tech, and was president of the FFA chapter.

One holdover from the dairying days is a bunk silo which is part of the barn. It is 200 feet long, 30 feet wide and 14 feet high, and holds 80 acres of corn silage. It takes between 10 days and two weeks to fill, and twice each winter, an upright silo is refilled from the bunk.

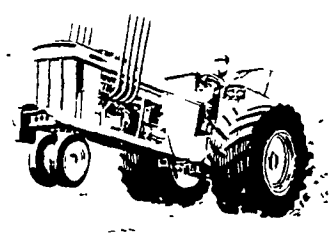
Jeff says the bunk is "the" silo. "I wouldn't trade it for the finest of the upright silos," he says. He also said that a bag-type horizontal silo was not practical in their operation.

A month to six weeks before they freshen, the bred heifers are separated from the main herd. They are blood tested, grain fed and prepared for sale.

In his fifty years in the 'neighborhood', Fred has found time to be a member of the Plainfield Township School Board, of which he was also Secretary-Treasurer, a director of the First National Bank of Pen Argyl, a three-term director of the Lehigh Valley Dairy Co-op, a founder of the Plainfield Farmers Association and an organizer of the Plainfield Farmers Fair.

The fourth generation of the Achenbach family has been firmly established. In addition to Jeff and six other grandchildren, Fred can boast of four great-grandchildren. Quite an accomplishment for such a "young" fellow!

Tractor Pull Tally



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1. Jeff Frantz, Hellam, Pa., Honde/2-427 Chev, 285.6; 2. Charlie Brommer, Columbia, Pa., Honde/2-440 Dodges, 271.9; 3. Craig Luckenbill, Schuylkill Haven, Pa., Honde/433 Chev, 265.4.

5800 FWD

1. Dan Fellenbaum, Lititz, Pa., 69 Chev, F.P./6.7; 2. Lynda Ziegler, Bird-in-Hand, Pa., 70 Chev, F.P./0; 3. Steve Conrad, Port Deposit, Md., 57 Ford, 269.10.

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1. Tom Middleton, Ridgely, Md., IH966, F.P.; 2. Dale Smoker, Cochranville, Pa., ACD-21, 264.1.

7000 Mod

1. Dick Zimmerman, Mt. Joy, Pa., Case 830/3-440 Dodges, 270.2; 2. Curt Luckenbill, Schuylkill Haven, Pa., Honde/433. Chev; 3. Gary Mills, Fallston, Md.

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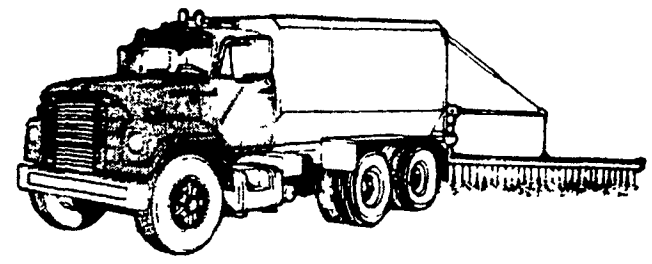

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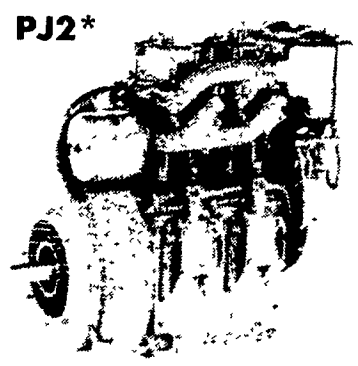

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Breed the herd instead of the cow

High selling Jersey heifer, Minnie Pansy Saint Shirley, went for $7100. From the left are Tracey and Janet Stiles, buyers; Martha and William Diley, consignors; Mr. and Mrs. Max Bachelor, contenders; and Cindy Stanfield at halter.

BY ROBIN PHILLIPS
Staff Correspondent

WOOSTER, Ohio — "The Jersey breed has made more actual progress in the last 15 years than any other breed," John M. White, Dairy Science Department head of the Virginia Polytechnic Institute and State University, told the AJCC members as they convened the 115th Annual Meeting of the American Jersey Cattle Club. "You will see more and more demand for the most progressive, non-Holstein breed", he also stated to those attending.

Top award recipients at national Jersey meeting include, from the left, master breeder, Stanley Chittenden and wife; and 1983 Distinguished Service recipient, Ray Chamberlain and wife, with club president, Charles McGinnis.

Addressing the concept of "breeding the herd instead of the cow", White, featured speaker for the meeting praised the leadership fo the AJCC which he said has been "benefitting tremendously" from forward thinking. He told the membership to "wake up and smell the roses" as he stated that herd breeding objectives should be planned six months ahead and "rigorously followed" each six months for the next ten to fifteen years.

His five-point plan to keep the Jersey breed on the competitive move that it has been on, included:

1. A dairyman must decide his herd breeding objectives and plan ahead with a pre-planned sire selection program using plus proven bulls and "maximizing the PD while minimizing the cost." "He's got to be plus", White stated also adding, "You don't correctly mate unless the bull has a +PDT."

2. Do not purchase more than a six month supply of semen. There are better bulls to come and the Sire Summaries should be screened and several bulls should be selected for your herd with an attempt at selecting the optimum combination of sires to correct the majority of faults in your cows. "You folks are getting a little bit lax on sire selection," he cautioned AJCC members.

3. Herd breeding goals must be established. It is too expensive for a dairyman to constantly update the genetics of his herd by culling and buying so sire selection is of the utmost importance. The breeding decisions of today will make their impact in three years, so goals must be decided now.

4. Make any corrective matings needed in your herd from your choice of bulls previously selected in your plan. "The environment plays a big role on cows, not sire summaries," White stated as he talked about the great advantages of the accurate linear method of appraisal, leading to accurate sire summaries.

5. Sire selection demands top priority. Know who you are going to breed to for the next six months and then calculate the facts to see if your herd will stay with the competitive growth of the breed in the next three years.

An advocate of mating services since they cause a dairyman to have a plan, use better bulls, follow management practices, and have a genetically fresh supply of semen, White also praised the linear method of appraising cows. Stating that there is still alot to be learned yet, he said that the linear traits can be more accurately evaluated and listed dairy character as "the most important type trait determining the final score".

Renowned for his innovative research papers, White is currently working on increasing the Jersey herd at Virginia Tech. to an effective size of 40 milking animals, and stated that this will also be the case in most other major universities. "Look around you at the Holstein breeder putting on Jerseys", he stated as he repeated that the demand for the "competitive, efficient" Jersey cow is being seen in herds of every other breed.

Addressing the membership, Charles McGinnis, AJCC president, stated "the marketing of the 60's did not reward quality and nutrition and it doesn't now", as he cautioned breeders to stay involved in the marketing of the cow and her product. "The circumstances of the past and present have made our organization - market conscious and market

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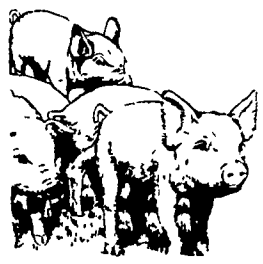

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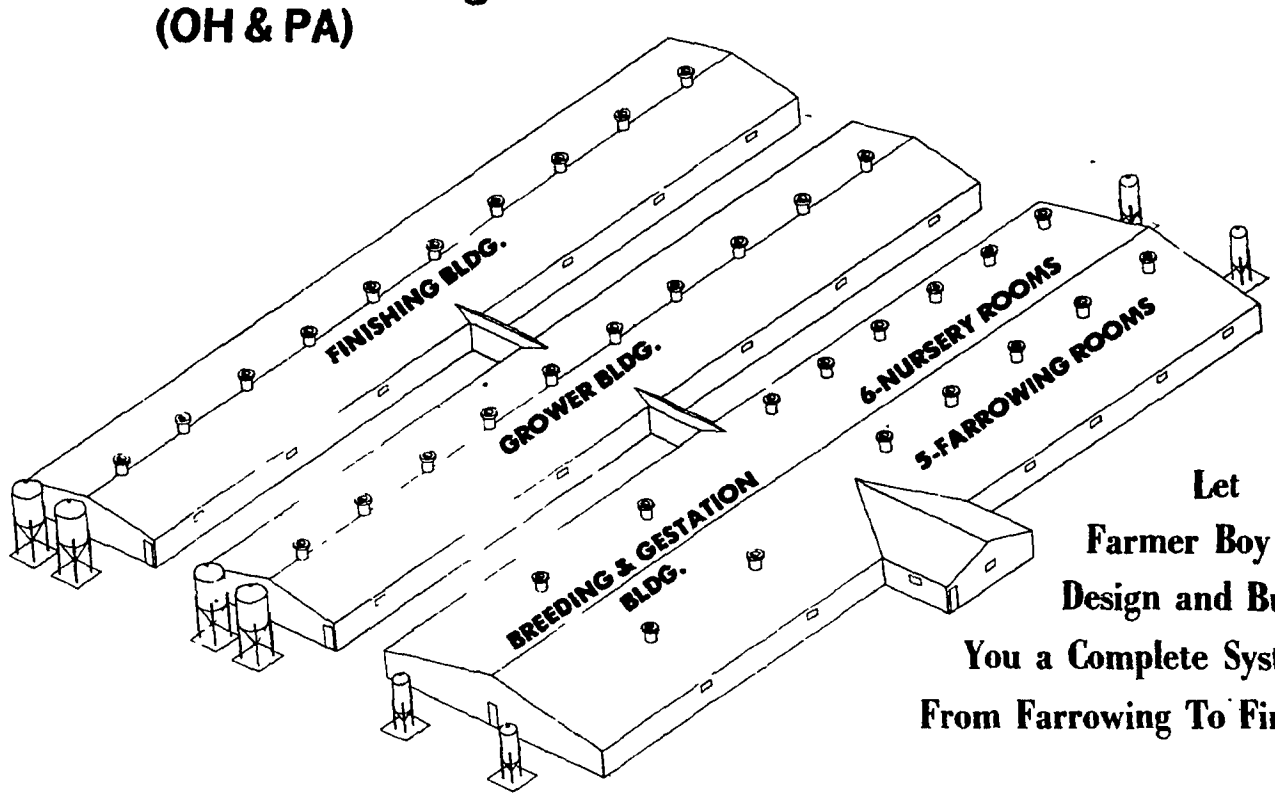

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4-H Community Center

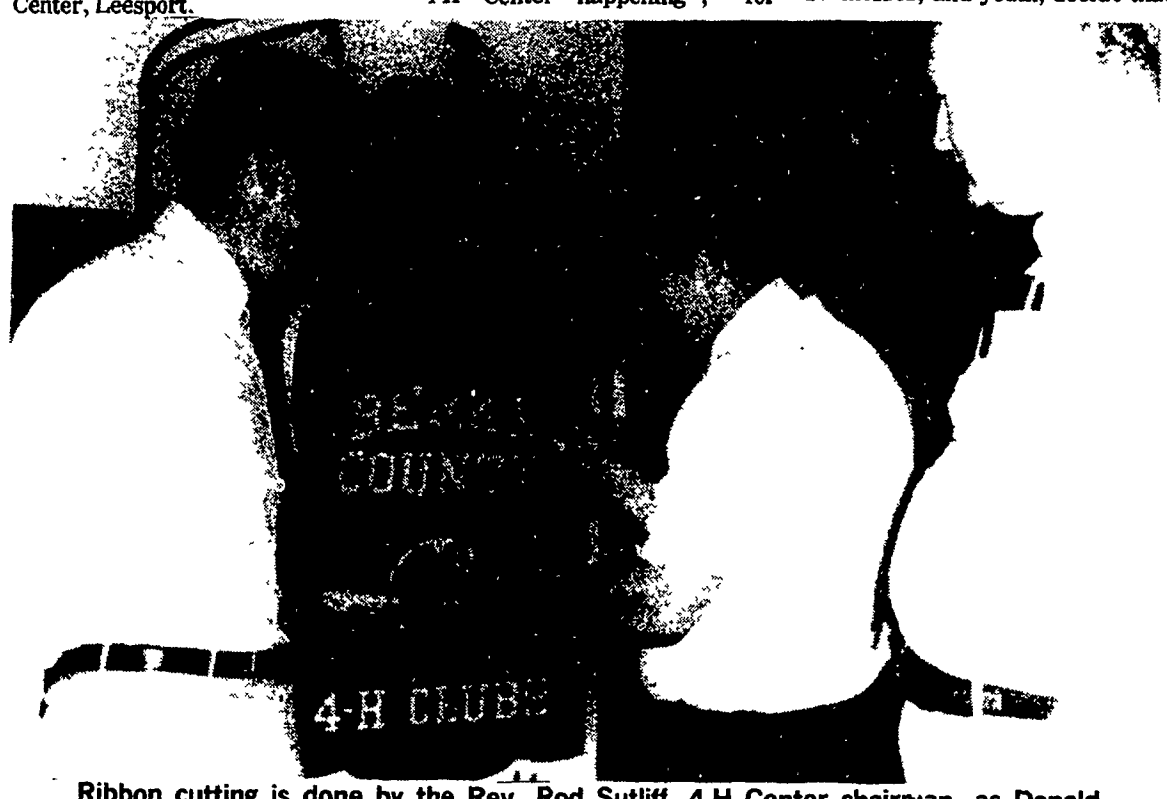
An ag dream, wish & now a reality in Berks

BY ROBIN PHILLIPS
Staff Correspondent

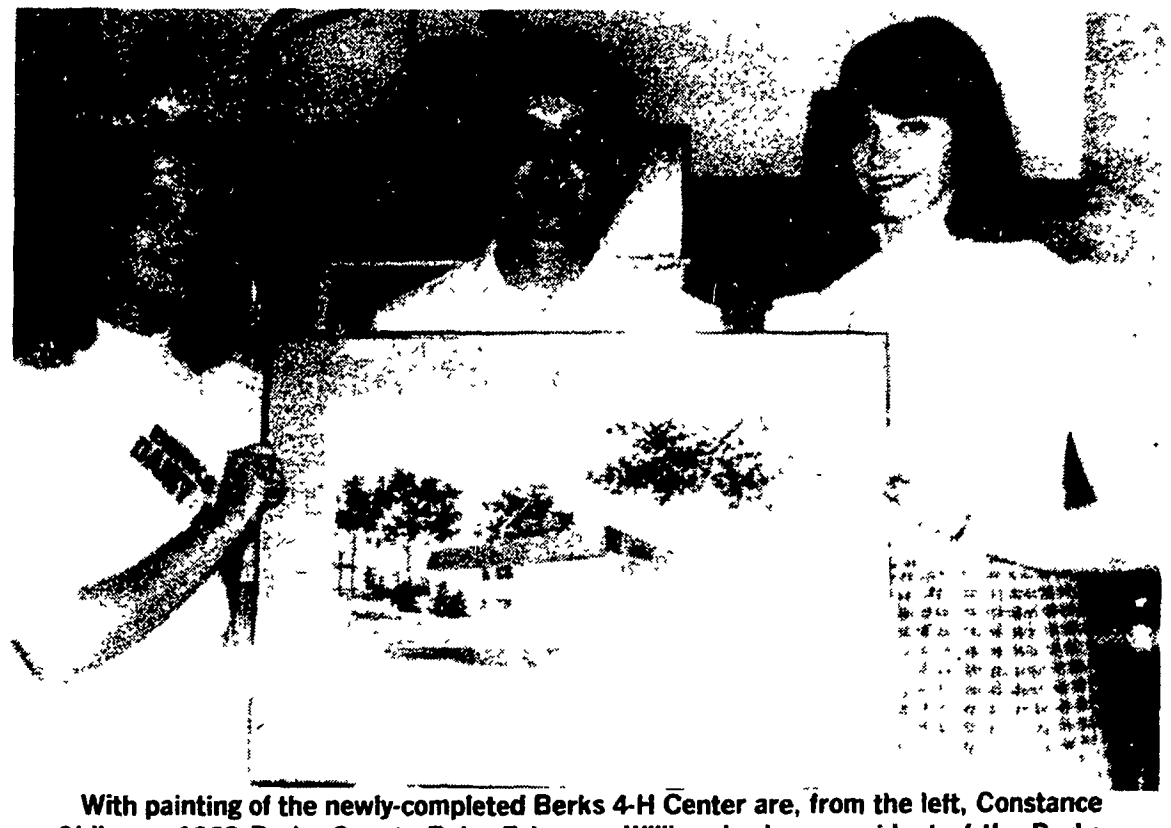
LEESPORT — Berks County, its farmers, its youth, the entire agricultural community and its supporters received multitudes of praise from area and state officials last week at the Grand Opening of the Berks County 4-H Community Center, Leesport.

"This is the combination of the two greatest assets of Berks County, agriculture and youth," stated Bill J. Pendelton, Chairman of the Board of the Berks County Chamber of Commerce.

As Rev. Rod Sutliff, the 4-H Center Chairman, explained the "4-H Center happening", "for some it was a dream, for others a wish, for us it was a reality, knowing that we could build this center." Maurice S. Kramer, Director of the State 4-H program at Penn State, aptly stated, "This is an excellent example of what happens when local people, businesses, and youth, decide that they want something."



Ribbon cutting is done by the Rev. Rod Sutliff, 4-H Center chairman, as Donald Bagenstose, right, and Ezekial Ketchum look on.



With painting of the newly-completed Berks 4-H Center are, from the left, Constance Ohlinger, 1983 Berks County Dairy Princess; William Lesher, president of the Berks County 4-H County Council; and Debbie Price, Mistress of Ceremonies.

Present for Berks 4-H Center grand opening are Samuel H. Smith, Dean of Penn State's Ag College; Duane Pysher, chairman of the Berks County 4-H Development Council; E.F. Martzell, general contractor; Ezekial Ketchum, chairman of the 4-H Community Center Fund Drive; Rod Sutliff, 4-H Center chairman; Donald Bagenstose, county commissioner; and Debbie Price, Mistress of Ceremonies.

These statements describe the feelings of pride in the accomplishment of the 4-H Center through the cooperation of county businesses, farmers, and youth for the advancement of the future potential of 4-H'ers and for an accessible community building to serve all. As Pendelton stated, the 4-H Center "represents the very theme, (of the Chamber of Commerce) building tomorrow together," and he went on to say that the Chamber of Commerce will continue its efforts to get the business community and the agricultural community to work together.

One of the "tools" they will be using to further this goal is the film "Berks County Agriculture - People of the Land", sponsored by the Agri-Business Committee of the Berks County Chamber of Commerce. Shown to the 300 plus 4-H Center supporters in attendence, the film depicted all aspects and highlights of Berks County agriculture and will be used to promote the unique agricultural heritage and abundant wholesome products to the public.

As explained by Sutliff, the 4-H Community Center was first conceived in the early '60's, and soon afterwards, the committee began looking for a site. With the help of the County Commissioners, in 1976, 4-H acquired 10.2 acres of land adjacent to the Agricultural Center on the Berks County farms in Bern Township. The site has been leased from the County for 99 years at one dollar a year. While many club and project activities take place in the schools and homes of members, the 4-H Center will be the location for major events. Plans have included the capability for animal shows, exhibitions, and all kinds of outdoor events.

In 1977, two large horse rings were built by 4-H leaders and members with the help of local government officials, business, and CETA personnel. Much of the lumber needed was obtained from the Blue Marsh project, underway at the same time.

Two years later, 4-H'ers built a secretary-announcer stand for use at Center events. This is scheduled to be dedicated in August at the annual horse show, and will be in honor of Janine Phillips, past 4-H member who exemplified the ideals of 4-H.

These improvements were accomplished with complete volunteer help at a cost of less than $6,000.00.

Since there remained a real need for enclosed facilities to increase participation by young people and their families, and provide for broader programming opportunities, the 4-H Development Council of Berks County did not stop. They realized they possessed Berks County's youth and agricultural assets and knew they could build a 4-H Community Center rivaled by none. "We have a lot of good young people coming along... they will be our future," Sutliff stated. He concluded by saying, "One of the things I look forward to, is the center being used every day of the year, for the betterment of Berks County."

Donald Bagenstose, Chairman, Berks County Commissioners, told all present, "You did this on your own... you really cut the mustard." He explained that there was no federal or state money used.

Special thanks were given to the donors, businesses, groups and individuals, who provided the financial support, and to the committees and their fund drive workers. The architect, Dana Gangewere, the General Contractor, E.F. Martzall, Inc., and the Fund Raising Council, John F. Rich Co., Inc. were also recognized and thanked. The past extension agents whose initial ideas helped to further the project, Mae Hostetter, Jim Haldeman, and Charles Suloff, were also thanked and appreciation to the 3 County Commissioners, Donald Bagenstose, Anthony Carabello, and Vernon Shaffer, for their continual support was also expressed.

The special guest on this "Night of Celebration" was the Lt. Governor, William W. Scranton III, who began by saying that Berks County is fortunate to have a Chamber of Commerce so "clearly intersted in agriculture". Stating that "variety is one of our strengths," Lt. Gov. Scranton went on to say that Pennsylvania "is a state that has every possibility."

With 2200 farms in Berks County and with Pennsylvania as a state with one of the largest rural populations, he stated that agriculture "has a determined and honored place in Pennsylvania's future." Giving hope to future farmers, Scranton said, "the future for those of you who want to go into agriculture, should and can be bright in Pennsylvania." He concluded by encouraging everybody to take advantage of the opportunities that Pennsylvania has to offer.

Ezekiel S. Ketchum, Chairman of the 4-H Community Center Fund

(Turn to Page A26)

Karen Ludwig entertains on her guitar with a song about Berks County and its unique agricultural heritage and assets.

Visit Md. farms & countryside tomorrow

COLLEGE PARK, Md. — Maryland's countryside should be especially attractive for the seventeenth annual Farm Visitation Day tomorrow.

With current hot weather continuing, Maryland's state flower, the Black-Eyed Susan, may snap out of its 1983 cool-season doldrums and burst into bloom by that time in open areas and along major highways.

Golden wheat fields certainly will be ready for invasion by high-powered combines. And farmers in central and southern Maryland will be winding up their harvests of unusually bountiful hay and barley crops.

In addition, the season for district and countywide 4-H horse shows will be well under way. These shows qualify outstanding young riders and their mounts for competition at the Maryland State Fair in late August. If you're out for a family drive, you might like to drop in on one or a pair of English-type 4-H horse shows which will be operating Sunday in Montgomery and Harford counties.

These are two of the six counties participating in Farm Visitation Day. Others are Ann Arundel, Calvert, Charles and Baltimore counties. All are located west of the Chesapeake Bay and east of the Potomac and Monocacy rivers.

Open house hours for Farm Visitation Day are 1 to 5 p.m.; but visitors are welcome to stay later at participating dairy cattle and dairy goat farms to watch milking operations. Many of the host farms will offer light refreshments, free of charge, with cold milk a likely prospect at the dairy cattle farms.

Intended to give urban families a close look at their rural neighbors, Farm Visitation Day is sponsored each year by the University of Maryland's Cooperative Extension Service with assistance from major farm organizations in the state.

Directions to the host farms are contained in a free Farm Visitation Day brochure, titled A Family Affair (Leaflet 86).

If you're interested in watching the action at one of the countywide 4-H English horse shows in connection with a Farm Visitation Day outing, here are the directions:

Montgomery county — Potomac Horse Center, southwest of Shady Grove Village; 9 a.m. to 4 p.m. Contact person: Carolyn A. Travers, 4-H agent; office phone: (301) 948-6098.

From lower Montgomery county, take highway 28 exit off U.S. highway I-270 at Rockville. Proceed west toward Darnestown. At the Washington National Country Club, turn left on Dufief Hill road and travel nearly two miles. Just before the intersection with Quince Orchard Road, watch for signs indicating a turnoff to the right.

Note that highway 28 will also take you to both of the Montgomery county farm participating in this year's Farm Visitation Day.

(Turn to Page A26)

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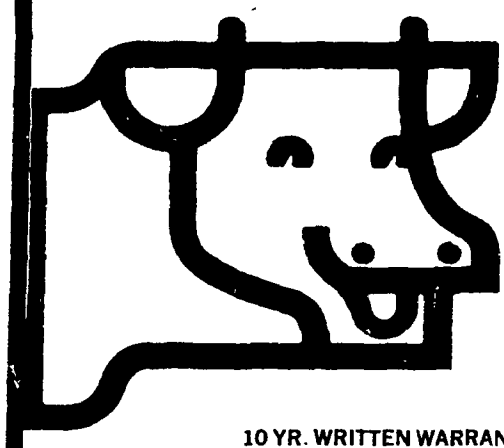

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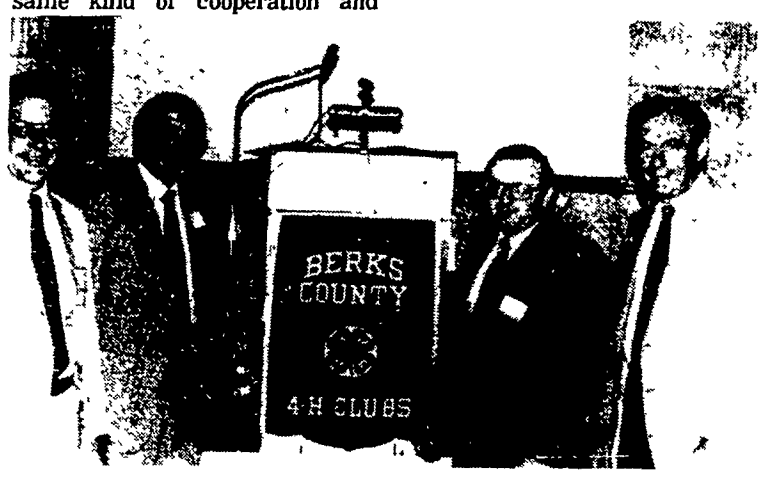
An ag dream

(Continued from Page A24)

Drive, praised the farming community for providing the "overall leadership to get the job done", and Kramer, state 4-H director, concluded by stating that few counties can do what Berks has done. Kramer also initiated the challenge to all present to make the maximum use of this facility and stated that it would take the same kind of cooperation and teamwork as it did to build it.

Entertaining the audience with a song on her guitar, Karen Ludwig summarized the evening by the lyrics: "If you find yourself in Berks County, you will come to appreciate the people, the forests, and the land.... the Berks County people are a hard working lot, in bad times and good times they give it all they got."



Area officials present for 4-H Center dedication in Berks County are, from the left, Ezekial S. Ketchum; Bill J. Pendleton, Rod Sutliff and Dr. Maurice S. Kramer.

U2 'spy plane' to help Pa.

HARRISBURG — The Pennsylvania Department of Agriculture will join with the National Aeronautics and Space Administration and other state and national agencies in efforts this summer to identify and control plant pest disease problems.

According to State Agriculture Secretary Penrose Hallowell, NASA will fly a photographic mission for the Agriculture Department, the State Department of Environmental Services and the U.S. Forest Service, which are jointly funding the mission.

The NASA flight, scheduled for the first week in July, will utilize a high-altitude U.S. surveillance aircraft. "The high resolution photographs obtained from this flight will provide us with valuable information on land use, as well as the impact of various pests and diseases on crops," Hallowell said.

The mission will use advanced aerial photographic technology which can provide photography far superior to that used in the past. This technology will enhance the ability to interpret the photographs and improve the overall usefulness of the photography to the various users.

"The Pennsylvania Department of Agriculture has used aerial photography in the past and found that it provides accurate detailed information quickly, while saving taxpayer dollars. Through aerial photography, we can survey an entire county in less time and at a lower cost than workers on the ground can survey a single farm," Hallowell said.

Aerial photography has been used in Pennsylvania to assess damage to peach and nectarine orchards from X-disease and prunus stem pitting disease. It has also been used successfully in the early detection of potato late blight, which helped avert widespread losses for Pennsylvania growers.

The Department of Environmental Resources has also used aerial photography to assess the severity of gypsy moth damage in Pennsylvania forests and to evaluate the effectiveness of various control measures.

The NASA aircraft will fly at about 65,000 feet and will photograph almost the entire state within three to four hours. Areas in Delaware, Maryland and New Jersey will also be photographed.

Hallowell said, "Making use of high technology helps provide Pennsylvania farmers with up-to-date information when they need it most. This kind of service is vital if Pennsylvania agriculture is to continue Growing Better."

Md. farm visits

(Continued from Page A25)

Harford county — Tollgate Equestrian Center, at the southwest outskirts of Bel Air; 8:30 a.m. to 4 p.m. Contact person: Barton A. Hewitt, 4-H agent; office phone: (301) 838-6000, ext. 257.

From the Baltimore area, proceed northeastward on U.S. highway 1. Near the state police barracks at Benson, bear right on U.S. business highway 1 (Bel Air road) toward downtown Bel Air. After crossing the Winters Run bridge, watch for Harford Mall at the intersection with Toll Gate road. Turn left on Toll Gate road; pass under U.S. highway 1 (Bel Air bypass), and watch for the horse show area immediately on your left.

Note that you can get to both of the Harford county farms participating in this year's Farm Visitation Day by taking highway 22 east from downtown Bel Air. Then turn right on highway 136, just before getting to Churchville.

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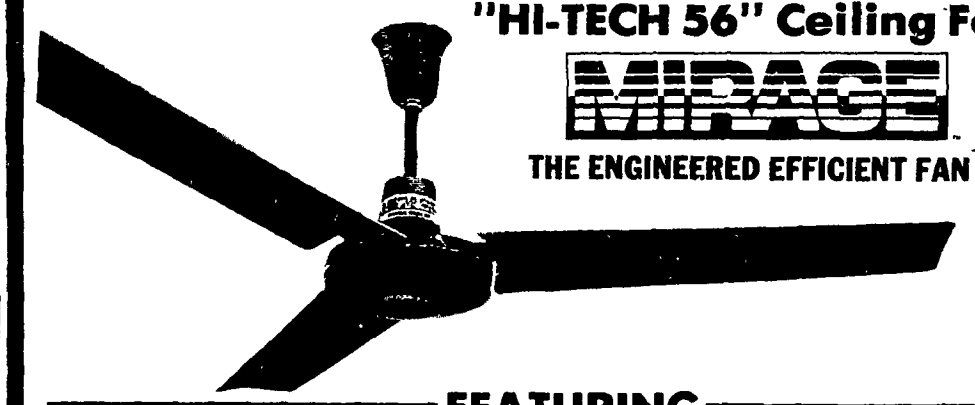

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Crawford receives tons of wool at pool

BY NANCY KUNICK
Staff Correspondent

MEADVILLE — Cars and trucks loaded with wool were lined up in the driveway and alongside the street recently at the 5-M Milling Company in Meadville. The hot afternoon sun beat down on the sheep and wool growers who had brought their wool to sell.

Since the late 1930's, the Northwest Pa. Sheep and Wool Growers Cooperative Association has held an annual wool pool. The sight is astounding to those who are unfamiliar to the event. It appears that there is wool everywhere.

Crawford County Extension Agent Blaine Schlosser pointed out that people do come from surrounding counties, as well as from Ohio and New York: "We had a man here today from over by Attica, N.Y. and a large road of wool from Ohio."

At noon there were 48 vehicles waiting to unload their wool and many had been in line since 8 a.m. The delay was due to some electrical trouble and a larger turnout than last year.

Schlosser explained the reason for the larger pool on Saturday. Last years' prices were lower and some people held their wool hoping for a better price. He felt this really wasn't to their benefit although the prices were up this year. "The wool deteriorates a bit," he explained, "unless it has proper air circulation and is kept dry and free from insects." Sometimes it changes in classification and is lowered to reject wool. This may sound misleading but the wool is still used, however it is given a lower price because of seediness, burliness or discoloration.

Pa. Lamb and Wool Queen Irene Williams is surrounded by the product that she promotes.

Susan McClellan, Northwest Pa. Lamb and Wool Queen, helps at refreshment booth.

The procedure for processing the wool at the 5-M Milling warehouse is fascinating and interesting to those seeing it for the first time.

As the vehicles are unloaded, the wool is graded by Cooperative Extension Service County Agents from neighboring areas. These people have been trained to look for the strength, length and diameter of the wool fibers.

The finer wool fibers command the higher prices. However, Schlosser pointed out that there are few of the Rambouillet and Merinos in this area that grow the finer wools. "Seventy per cent of our wool is medium staple from Suffolk and Hampshires," explains Blaine. This wool is selling for 49 cents per pound this year.

As soon as the wool is graded each individual's fleeces are put into metal baskets on wheels and weighed. The average mature animals' fleece weighs a little less than eight pounds. A record is then made out detailing the type, quantity, quality and price for each wool grower.

Once this is completed the wool is stacked in large piles determined by type. As fast as the workers can, they feed the wool into an electrical 'wool bagger'. There the wool is compressed and stuffed into extra large burlap bags. These bags are about eight feet in length and hold an average of 270 lbs. of medium staple wool. Mr. Schlosser anticipated that more than one hundred bags would be filled by the end of the day.

(Turn to Page A30)

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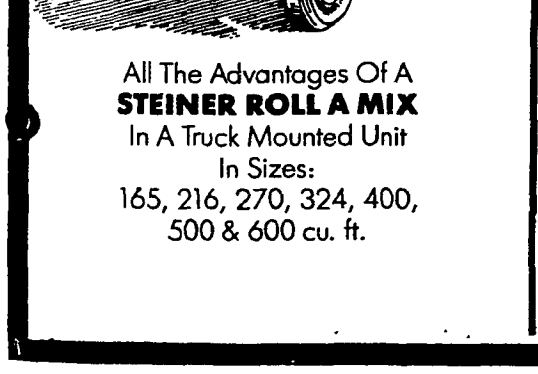

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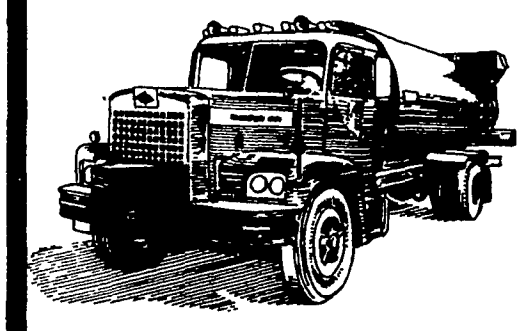

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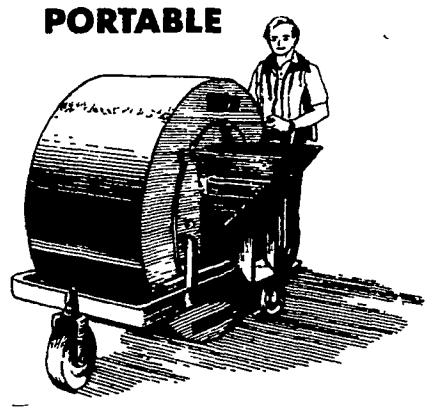

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Moyer family farms for the finer things

BY TRISH WILLIAMS

MANHEIM — Good management brings many benefits, such as increased productivity and profits. But the rewards that are probably most enjoyed are the 'fringe benefits' that it provides, like free time to get away from the farm to pursue other interests.

The Clarence Moyer family of Manheim, have worked hard over the years at keeping productivity high and efficient, and are reaping the benefits of their labor. For Clarence and his wife Lois, foresight, careful planning, and judicious investment enables them to spend a relaxing and fun morning on the golf course without worrying about the farm. That's quite an accomplishment for dairy farmers who also raise 350,000 broilers each year.

Business, of course, comes before pleasure. But first and foremost is the family, and well it should be. On any dairy farm the family is not only a social unit, it is also a production unit. Keeping family goals in mind in the planning process, helps maintain a strong farm and family unit.

The Moyer's have three children. Jeff, 25, and Mike, 21, both work full time on the farm and are trying to learn more about estate planning and tax laws, so that in a few years they can work into some sort of farm partnership.

Pat is the youngest at 18. Having just graduated from Manheim Central High School, she too is looking to the future. This summer she will be working part time for Northup-King in agronomic research plots at Mt. Joy. In the fall she will be attending Penn State at the York campus, pursueing a degree in Chemical Engineering.

Working together like a smooth running machine, Jeff, Mike, and Pat can milk the entire herd of 80 Holsteins in only one-and-one-half hours. Its Pat's job to prep the cows. She moves at a good steady pace down the central isle of the 80 tie-stall barn, as she washes the udders and strips the foremilk to check for mastitis. As I watch, her mother confides in me, that she'll miss Pat's good help at milking time when she goes off to college, and fears that she may be drafted back into cow prepration. Jeff and Mike are right behind, changing the milking units along the pipeline system.

Cows in the milking string are now receiving a ration of succulent alfalfa haylage top-dressed with a concentrate mix. The herd is averaging 16,500 pounds of milk with a 3.8 percent butterfat test.

"We have a forage analysis done everytime we fill silo," said Moyer. "Analysis of the haylage we are feeding now, reported 22-24 percent protein. With tests like that, we don't have to rely as heavily on concentrates. McCracken Feeds does our forage analysis. Then they mix a concentrate based on the ananlysis to provide a balanced ration for the herd."

"The investment that we have made in forage harvesting equipment, and silos, has really made harvesting our hay crop a two man operation. With Jeff and Mike both on the farm now, I am able to work part time off the farm at Manheim Auto Auction," Moyer reports with a smile.

Corn silage is also fed. Corn acreage totals 65 acres, alfalfa accounts for 30 acres.

"We fill the silo," said Moyer, "then the excess corn is shelled. We end up having to buy shelled corn."

In 1981 with their children grown up and expressing an interest in working into the business, the Moyers expanded their operation. Previously the tie-stall barn had only accomadated 30 cows. The barn was expanded and 50 stalls were added. An earthen bank manure pit can store six months of waste. Clean out of the pit is done by custom operators twice a year, in the spring and again in the fall.

Another investment that has fit well into this family operation are two broiler houses. Each house will 35,000 broilers. The Moyer's built the houses before they expanded the dairy barn because they felt it was a good way to increase the farm's productivity and profitability on their small acreage.

Broilers are grown under contract to Empire Kosher Poultry, explained Mrs. Moyer who takes responsibility over the broiler operation.

"It takes about 9 weeks to grow out the birds, so we generally have five flocks per year, with anywhere from a week to two weeks between flocks," Mrs. Moyer said. "This time of year I look forward to breaks between flocks, so I do other things. But it really isn't that much work. I walk through the houses in the morning and in the evening and look in at them at noon time. I can vaccinate and medicate the birds through their drinking water."

"I really enjoy working with the birds, more so than the cows, but I do fill in with dairy chores when someone goes away," says Mrs. Moyer.

Quilting is a more desirable pass time for Mrs. Moyer. Having learned to quilt several years ago, she is in the process of making a quilt for each one of her children. Presently she is working on a beautiful cross stitch quilt for her daughter-in-law (see photo).

Orders for her quilts will increase soon. Her son Jeff, and daughter-in-law Beverly are expecting their first child in five weeks.

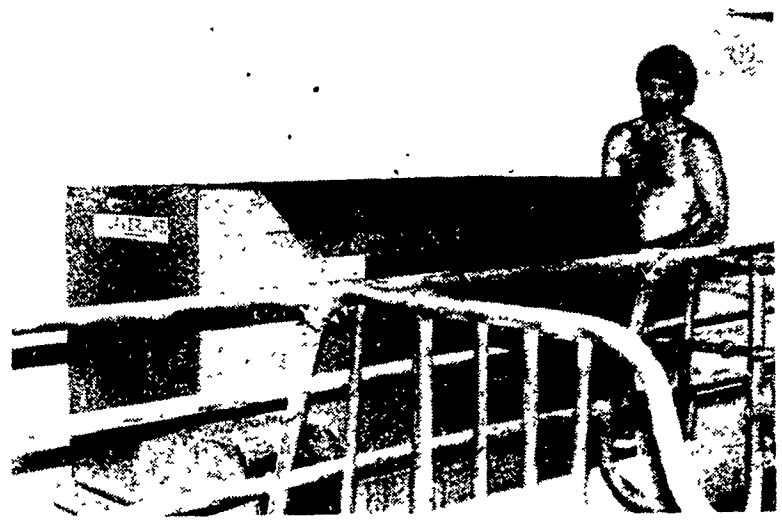
Mrs. Moyer who did not grow up on a farm, said that she has learned a great deal about farming and has learned to love it. From an outside perspective it appears that planning with consideration to personal goals has helped to make the farm evolve in a manner compatable with a desired lifestyle.

Given the limited landbase resources, 90 acres on the home farm, and 57 rented acres on an adjoining farm, the Moyer's have decided not to raise replacement heifers. Moyer does not think it is worthwhile to raise replacement heifers with the limited amount of pasture that he has, and the amount of labor required to raise good replacements.

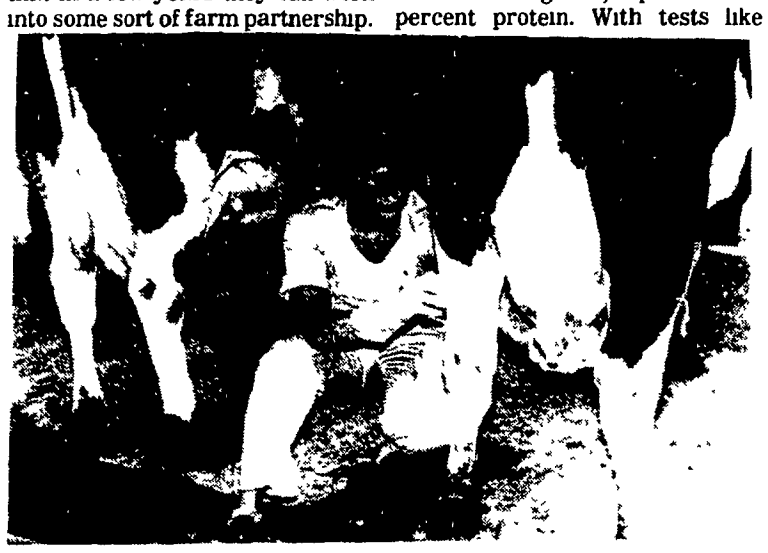
Dry cows are kept on the adjoining farm they rent. Mike who lives in a house on the farm with his wife Karen, can easily observe the cows.

Watching over the farm's resources is something the Moyer family does well.

This Wednesday the Moyer's will be explaining more about their farming operation, when they welcome the public to their farm for the Energy-Pak Open House. For details on what be happening at the Open House, see the full page ad on B1.

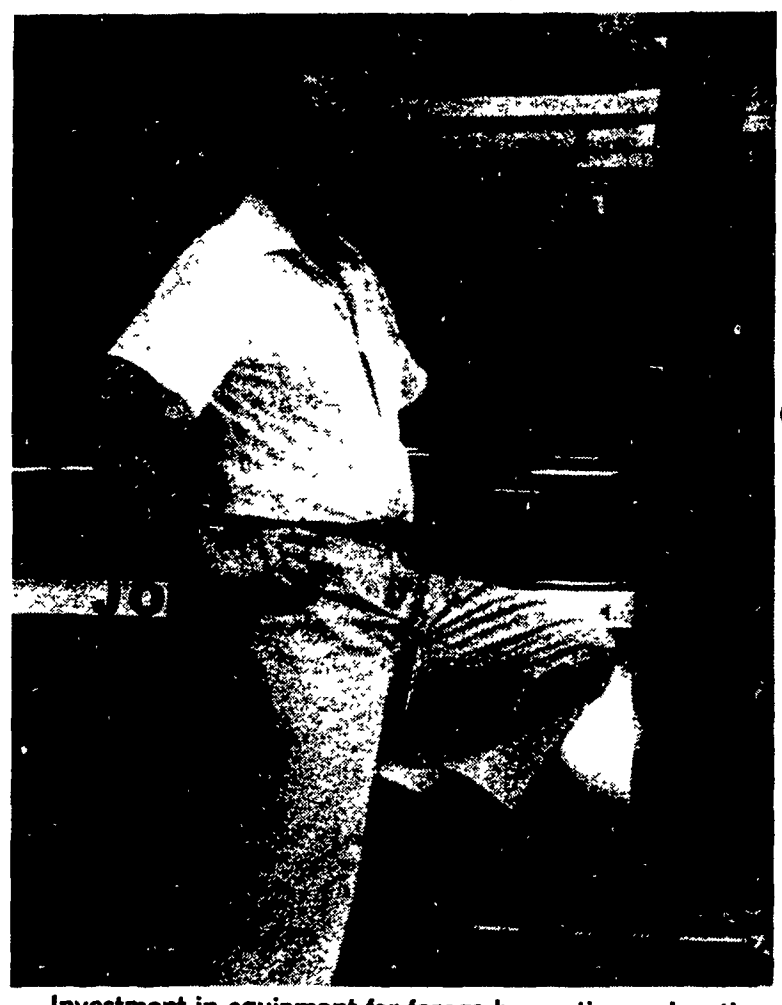


The two main stays of the farm now are Mike and Jeff. Above, Mike feeds up haylage. Below, Jeff harvests the milk.



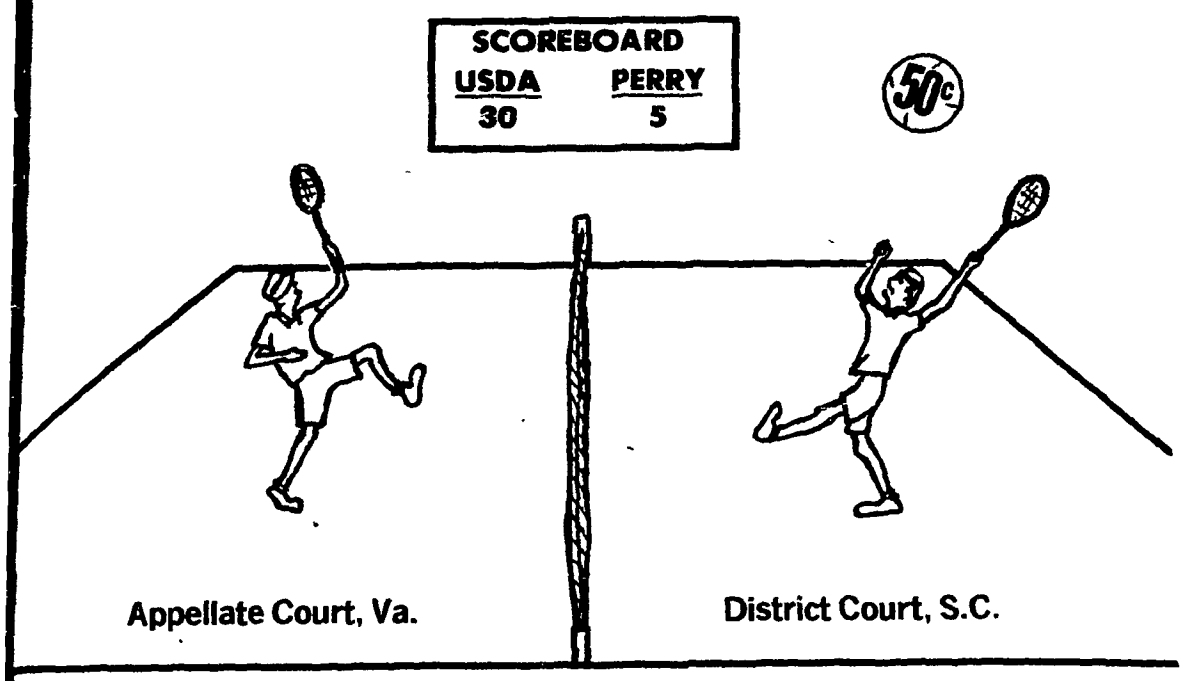
Pat prepares the cows for milking, she also is preparing for a new line of work in ag chemical research.

Lois relaxes by quilting. Pictured is the cross-stitch quilt she is making for her daughter-in-law.



Investment in equipment for forage harvesting makes the job a two man operation, says Clarence Moyer. That leaves him enough time to work at the Manheim Auto Auction.

50ᶜ assessment collection ordered



The 50ᶜ assessment match being played on the US courts rivals Wimbledon

BY TRISH WILLIAMS

LANCASTER — The controversial 50 cents assessment per cwt on all milk marketed commercially has been reinstated, according officials in the Dairy Division of the USDA in Washington, D.C.

The Fourth U.S. Circuit Court in Richmond, Virginia, issued a stay on June 13 against the permanent injunction. The injunction which had been ordered on June 3 by Judge Matthew Perry of Columbia, South Carolina, blocked the USDA from collecting the 50 cents assessment that had started on April 16.

The Court stay will supercede the injunction that was ordered by Judge Perry, said USDA sources. This means that the deductions will be retroactive to the April 16 date of enactment. Deductions that were not taken out during the injunction must be collected from June milk checks. Wilson Smeltz of the Pennsylvania Farmers Association, said collection will remain in effect until the case is heard on appeal.

So it will be back to the courts again. The court battle over the 50 cents assessment is turning into a regular summertime tennis tournament. Right now the USDA is leading, but the match isn't over yet. The legal debate will continue to be hit back and forth in the courts.

Written briefs and oral hearings have already been scheduled. A government brief was scheduled to have been submitted on Monday, followed by submission of brief by the plaintiff on June 30. The government will then submit an answering brief on July 5. An oral hearing is scheduled for July 11. Government officials are not yet certain when the final decision will be made and a full opinion handed down.

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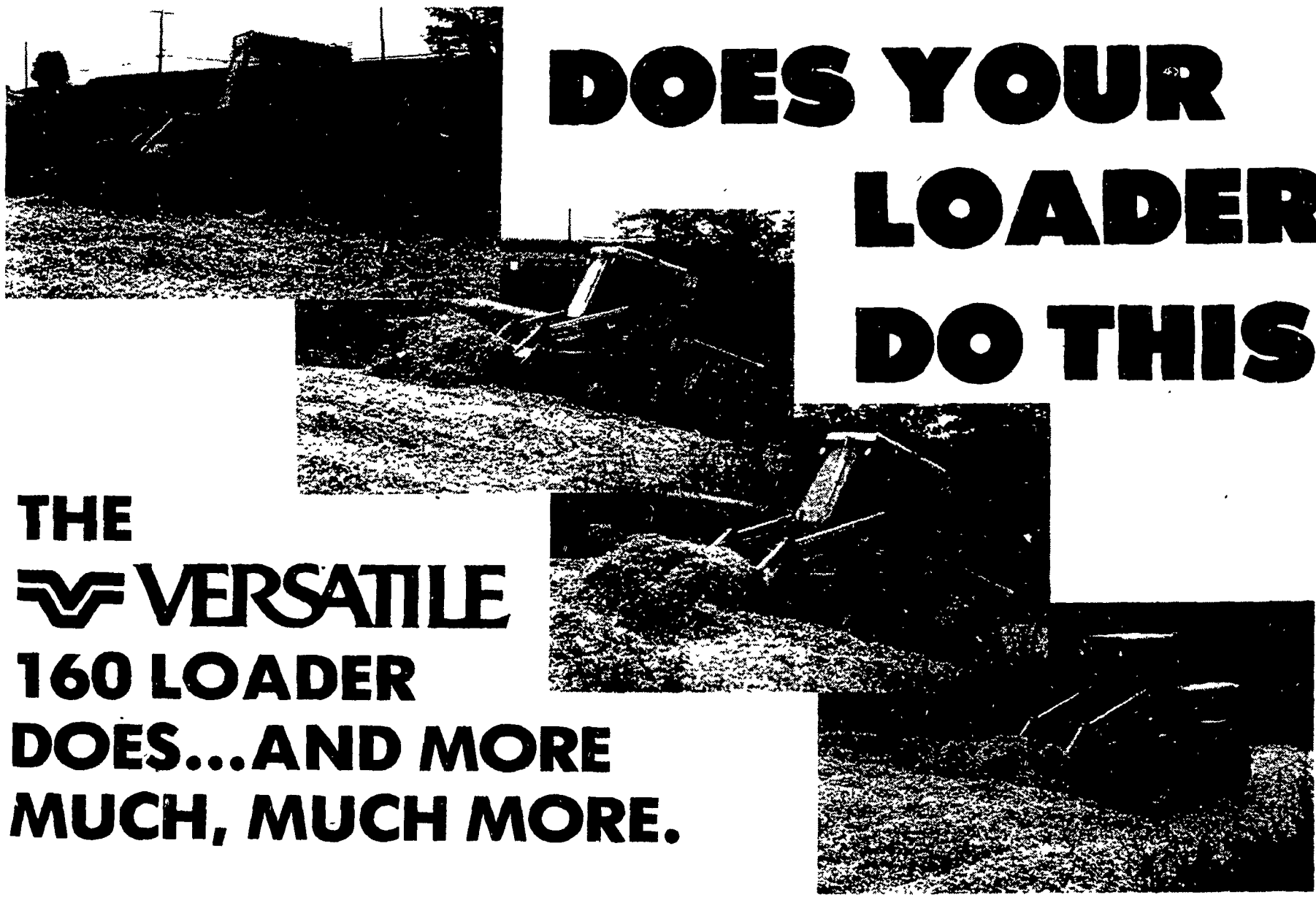

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Crawford wool pool

(Continued from Page A27)

These bags are handled by large hand carts and weighed individually. This is recorded as the official weight and is what the buyer is charged for. Schlosser said there would be an estimated 30,000 lbs. of wool from the pool loaded on a railroad car and shipped to Prouvost, Lefebore Co., Inc. in Jamestown, S.C. This company purchased the wool in May by submitting a bid based on the quantity and quality of wool brought to this pool in previous years. The same company also bought the wool from neighboring county pools.

Anyone can bring their fleeces to the pool whether they have one or hundreds. The wool pool benefits everyone because as one large group they can find a buyer where any individual might have difficulty. There is a small charge of 2½ cents per lb. for handling and $1 fee for those with less than ten fleeces and a $2 charge for those with more than ten. These fees help to rent the facility, purchase the bags and pay some labor costs.

The Northwest Pa. Sheep and Wool Growers Coop. Assoc. officers are from a large area in Pa. and the vice pres. comes from Jamestown, N.Y. The association owns the bagger, scales, hand carts and metal baskets. The association also holds an annual Lamb and Wool Queen Contest each Spring.

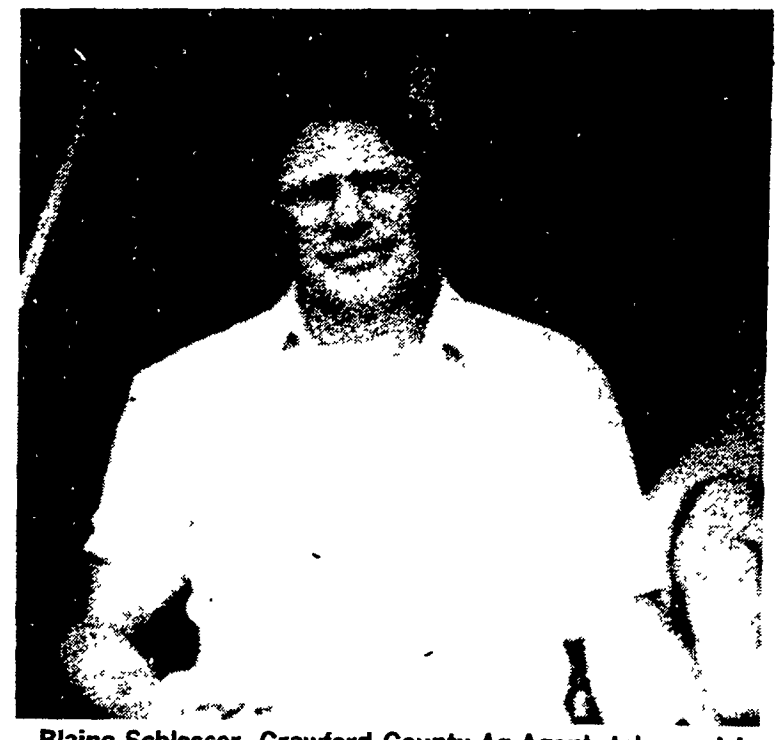
The newly crowned N.W. Pa. Lamb and Wool Queen Susan McClellan was working hard at the concession booth with Pat Bender, the queen contest coordinator. The food and drinks were a necessity in the 85° heat and the money from the booth will be used for the contest and queen's work.

Susan passed out samples of lamb sausage which tasted delicious. She mentioned she would serve it at Crawford County Farm-City Day. The association's directors made and donated it for use in promotions. She is looking forward to her reign as spokesperson for the industry.

Also present was Irene Williams, the Pa. Lamb and Wool Queen. She was crowned last November at K.I.L.E. in Harrisburg. Irene is from Saegertown in Crawford County so the wool pool is not new to her. She has been helping with it for at least five years.

Irene has been busy as the Pa. Lamb and Wool Queen this Spring and will be throughout the summer. She attended the Meadville Livestock Auction at Easter where a record number of lambs were sold. She has spoken at Bible school and even take lambs to Day Care Centers. She will be going to Grange, Farm-City Days and Ag. Progress Days. Irene is doing a fine job and attending college at Penn State Univ. to become an ag. ext. agent.

It appears that the Northwest Pa. Lamb and Wool Growers Association Cooperative has a lot going for it!



Blaine Schlosser, Crawford County Ag Agent, takes quick lunch break.

Wool is weighed in large metal basket at pool in Crawford County.

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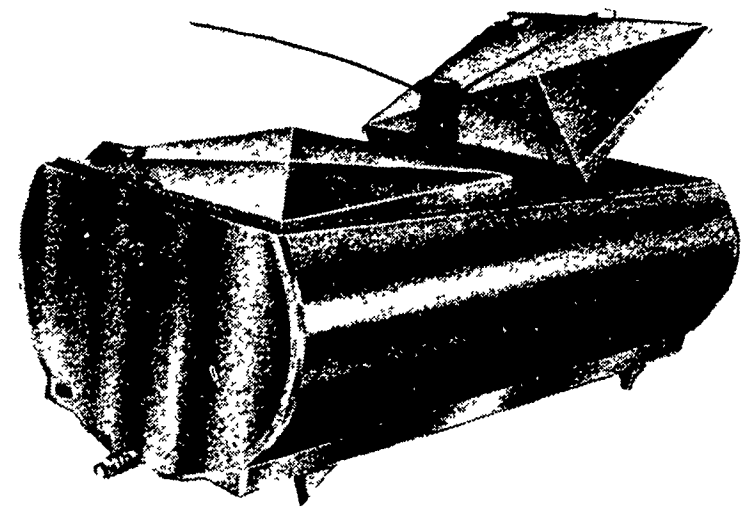

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Breed the herd

(Continued from Page A23)

smart", he stated as he told breeders to maintain a quality and marketable product.

Executive Secretary Cavanaugh issued the final challenge to the members of a 1990 goal of a DHIR average increase of 2% for each year. "One percent a year wasn't enough to keep the Jersey cow competitive", he stated. "To compete in the dairy business, the breed needs a cow that will milk competitively. The Jersey breed will continue to expand if breed leaders, club management, and the vast majority of Jersey owners always keep this in mind...Milk is the primary trait of any dairy cow." Cavanaugh concluded.

The 1983 Master Breeder Award of the AJCC went to Stanley N. Chittenden, Fair Weather Farms, New Lebanon, N.Y. Chittenden has contributed to the advancement of the Jersey breed in his work with breeding naturally polled cattle, in the number of Fair Weather animals in herds across the nation being functionally sound, and profitable in their new herds, and in his services to his breed organization.

Charles McGinnis presented him with the award saying that it was a result of his tremendous "influence on the people of the breed." Accepting the award, Chittenden stated that his is "trying to help Jersey cattle continue to be the best cattle in the United States."

The 1983 Distinguished Service Award of the AJCC went to another New Yorker, Ray Chamberlain of Wyoming, N.Y. Stating, "He is so far ahead of us that we are just now catching up to him", McGinnis described Chamberlain as a "man that takes charge...and never declines". Instrumental in developing protein pricing systems for several New York State milk markets, Chamberlain is also an active supporter of minumum standards for fluid milk. Active in local and state Jersey affairs, Chamberlain was recognized for giving years and years of outstanding and unselfish service.

Other awards presented included: the Outstanding Genetic Recovery Agent - Richard Kellogg, Columbus, Ohio, and the Young Jersey Dairymen Award recipients were: Merlin and DeeDee Baldwin Woodland, Washington, William Christoph, Fallon, Nevada, Charles F. Luchsinger, Syracuse, New York, C. Wayne and Karen Lutz, Mocksville, North Carolina, Rueben and Fay Moore, Philadelphia, Mississippi, Bruno Pialorsi, McKinleyville, California, and Del and Julene Thornton, Kuna, Idaho.

The President's Trophy went to Butterfield Expo Samantha with 6-11 305, 28,450 5.8% 1648 and an actual dollar value of $4820.00. She is owned by Daniel Neil Austin, Thornton, West Virginia. The Ogston Farm Trophy - Living Lifetime Milk Champion and the High Lawn Farm Trophy to the Living Lifetime Fat Champion went to Basil Lucy Minnie Pansy with 4764 days 271,556M and 13,211F. Dam of many sons in A.I. service and also dam of the high selling heifer in the 1983 National Heifer Sale, "Lucy Minnie Pansy" is owned by William H. Diley and Sons, Canal Winchester, Ohio.

Visiting at farm of Dale Kauffman, Wayne County, Ohio, are Pa. Jersey breeders, Jerry and Debbie Moose, New Wilmington; and Don Koontz, Fredonia.

Cattle crossing stop signs okayed

HARRISBURG — Farmers who have a traffic problem at cattle crossings on public roads can now get permission from the Pennsylvania Department of Transportation to install temporary stop signs at these crossings under a newly adopted regulation, sought by the Pennsylvania State Grange.

The Grange requested the change in current PennDOT regulations after a Grange member suffered considerable financial loss when several of his cows were struck by a car while crossing a highway at his farm.

Under the new regulation, a farmer may purchase and install a stop sign at a cattle crossing with approval from PennDOT provided the stop sign is in effect only when the crossing is being utilized. At particularly dangerous crossings, the stop sign may also be accompanied by a red beacon. The regulation took effect upon final publication in the Pennsylvania Bulletin on June 18.

Farmers interested in installing stop signs at hazardous crossings should contact their district office of the State Department of Transportation.

Franklin conservation sets banquet

CHAMBERSBURG — Paul Swartz, Executive Director of the DER Bureau of Soil and Water Conservation, will be the guest speaker at the Annual Banquet and Meeting of the Franklin County Conservation District Directors. These plans were finalized at their June meeting. This year's Banquet is scheduled for Sept. 29 at the Kauffmans Station Community Center. Tickets will be available the middle of August.

John Akers, District Conservationist with the USDA Soil Conservation Service, gave a report of his office's activities for the month.

Ernest Tarner, District Manager, spent the week of June 6-10 with representatives of the Bureau of Soil and Water Conservation reviewing the work begun on the Erosion and Sedimentation Evaluation Program Study. This study began last fall and the final paperwork should be completed this fall. Franklin County is one of 15 counties in Pennsylvania participating in this program.

This year's Annual Planning Meeting will be held on July 11. This meeting is held each year for directors to set priorities for the following year.

Wool pool today

ADAMSTOWN — The Berks County Wool Pool is being held today from 7 a.m. to 3 p.m. at Bollman's Hat Factory, Adamstown.

Prices include 50 cents for black fleece, 47 cents for all grades on non-graded basis and 40 cents for last year's wool in poor quality.

Not acceptable are tags, wool tied with baler twine or wet wool.

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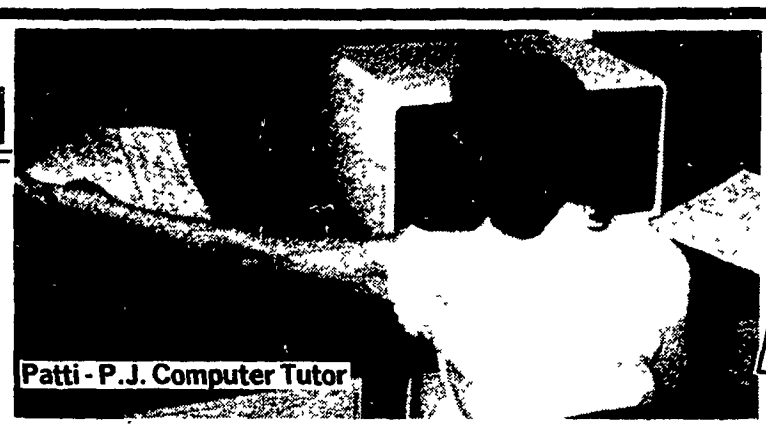

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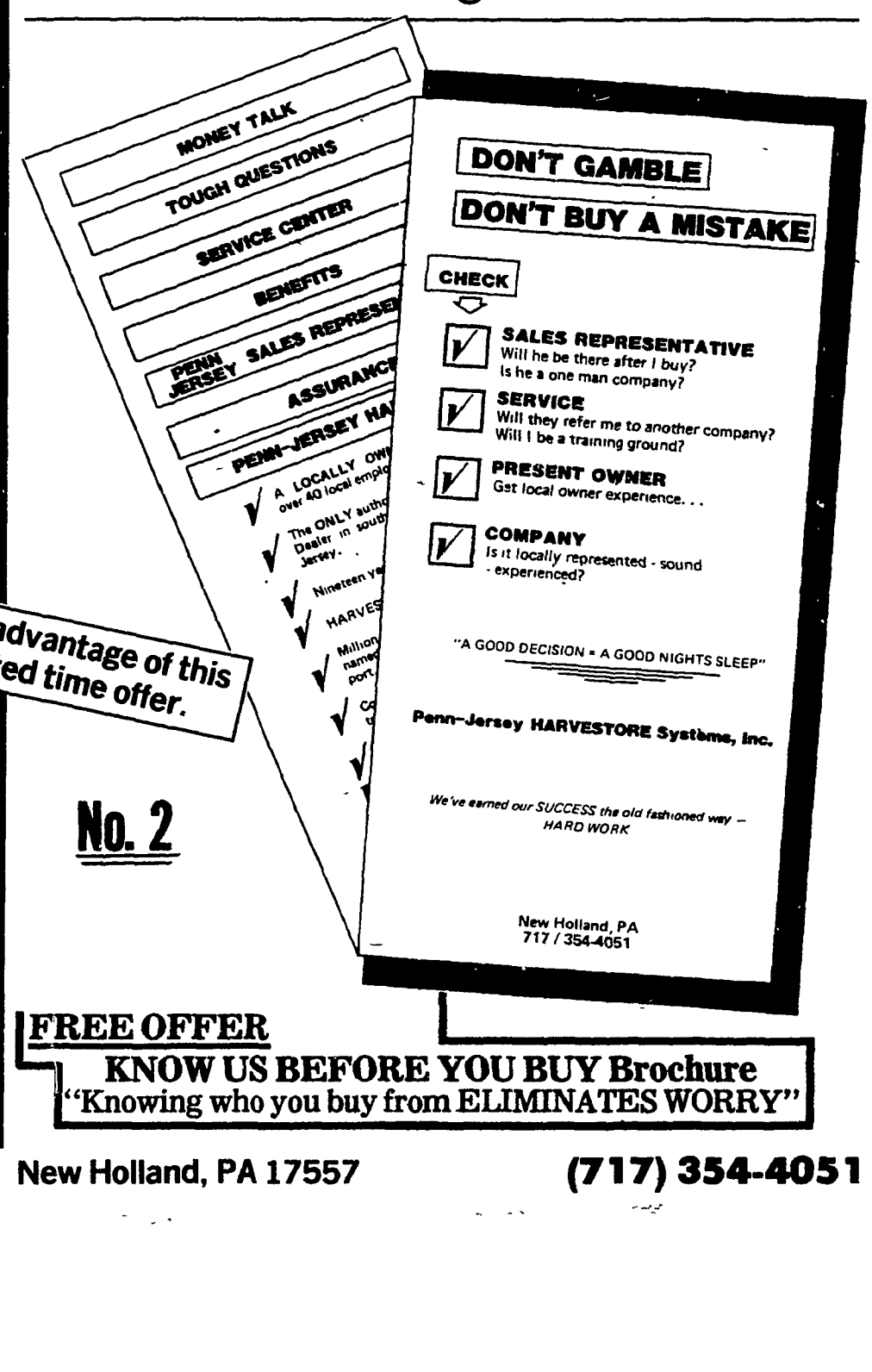
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Dairy and tobacco legislation reported by Senate Ag Committee

WASHINGTON — The Senate Agriculture Committee on June 16 ordered reported an original Committee bill composed of two provisions, one relating to dairy and the other to tobacco. Consideration of an additional provision relating to target prices for wheat, feed grains, upland cotton and rice was deferred because of time constraints.

The dairy provisions include:

1) Lowering the price support from $13.10 to $12.60 per hundredweight between October 1, 1983 and September 30, 1985, except that a) on January 1, 1985, the price will be reduced 50 cents if estimated Commodity Credit Corporation purchases exceed 6 billion pounds, and b) on July 1, 1985, the price will be reduced by 50 cents if estimated CCC purchases exceed 5 billion pounds, or c) on July 1, 1985, the price will increase by at least 50 cents if estimated annual CCC purchases are 5 billion pounds or less.

2) Requiring a 50 cent per hundredweight reduction from the price of all milk sold through December 31, 1984, the money to be used by CCC to pay for the dairy diversion program.

3) Establishing a paid diversion program through December 31, 1984, which provides a $10 per hundredweight diversion payment to producers who can establish a net reduction in production of between 5 and 30 percent from a base period. Limitations are placed on the transfer of dairy herds and on the use of idled production facilities.

4) Establishing a dairy promotion and reserach program, funded by a 15 cent per hundredweight mandatory assessment on all milk sold. The program would be administered by a 36-member board, and would be terminated if not approved by 50 percent of producers in a referendum held immediately prior to September 30, 1985.

Modifications agreed to for the tobacco program include the following:

1) Freezing the support price for the 1983 and 1984 crops at the 1982 level. The 1985 price would be frozen if it would not be more than 5 percent greater than the 1984 level under the regular formula.

2) Freezing the support price for the 1983 crops of Burley and other tobaccos at the 1982 level. For 1984 and 1985, the Secretary could set the price support level to maintain the normal differential between these toabaccos and Flue-cured tobacco.

3) Delete the "double assessment" in which both the lessor and the lessee contribute to the no-net-cost tobacco program fund, so that only the lessee would make the contribution.

4) Give the Stabilization cooperative greater flexibility in the use of no-net-cost tobacco program funds in ways mutually beneficial to producers and the CCC.

5) Increase the new tobacco growers quota percentage for Flue-cured tobacco from the present 1 percent of the annual national quota to 3 percent annually.

6) Change the date for announcing the Flue-cured national marketing quota from December 1 to December 15 and the date for certain other kinds of tobacco from February 1 to March 1. It also allows Stabilization (the flue-cured association) to ask the Secretary of Agriculture to establish a no-net-cost "account" in CCC in lieu of a "fund" in the association, as is allowed for in other associations carrying out tobacco price support programs.

7) Eliminate lease and transfer of Flue-cured tobacco allotments and quota beginning with the 1987 crop, except that allotments of under 3,000 pounds could be leased and transferred until the 1990 crop. Lease and transfer for the 1984 through 1989 crops would be permitted only if both parties agree to "share the risk" by requiring that no payment for the lease will be made to the lessor prior to the marketing of the tobacco produced under the lease.

8) Effective with the 1984 crop, the downward adjustment the Secretary can make in the quota for burley is increased from 5 to 15 percent.

9) Reduces the amount of burley tobacco that may be leased and transferred to any farm from 30 thousand pounds to 15 thousand pounds, beginning with the 1984 crop, and prohibits leasing of any burley quota after July 31.

10) Extends from December 1, 1983 to December 1, 1984, the date by which non-farming entities must sell their quotas. The mandatory sale provision does not apply to farms where the land is being used for agricultural purposes.

PRV proposal withdrawn

WASHINGTON, D.C. — U.S. Department of Agriculture officials have withdrawn proposed federal regulations requiring swine to be separated and tested for pseudorabies before export.

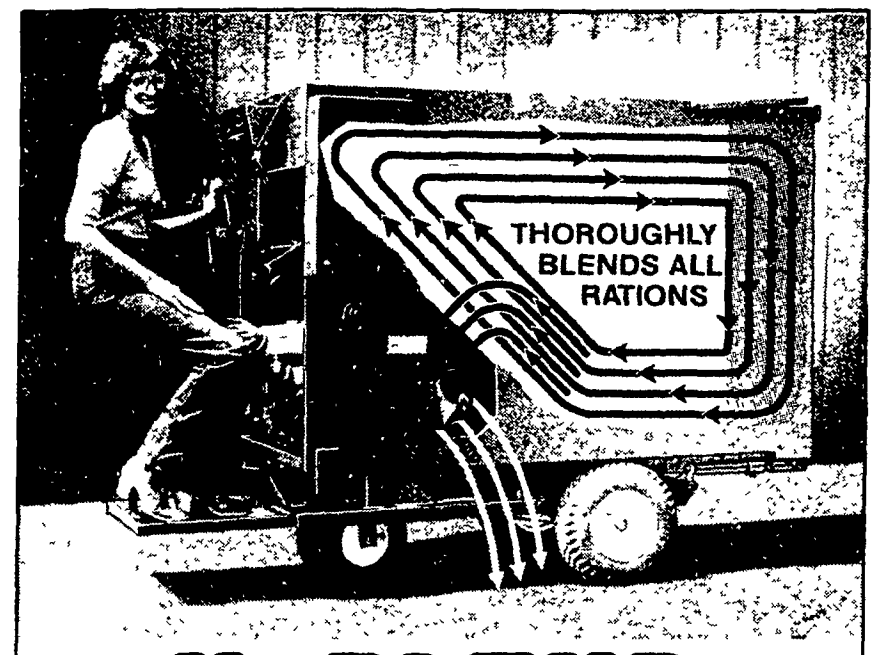
John K. Atwell, deputy administrator of USDA's Animal and Plant Health Inspection Service, said agency veterinarians decided against the proposal after reviewing 37 public comments and considering current export health practices. All but one comment opposed the export health proposal.

Atwell said representatives of the pork industry, purebred breeders and agricultural organizations felt the requirements would be unworkable. They said the proposed rules would provide no more assurance against exposure to pseudorabies than existing export requirements.

Currently swine must be examined by a USDA-accredited veterinarian and certified free of communicable diseases of swine. The accredited veterinarian must also certify that the hogs have not been fed garbage, and have passed a negative test for swine brucellosis. No new swine may be introduced into the herd for 30 days before the export shipment.

Atwell said foreign countries impose their own requirements when receiving exported U.S. swine. Most of these already require negative pseudorabies tests before shipment.

Notice of this action is scheduled to be published in the June 14 Federal Register.



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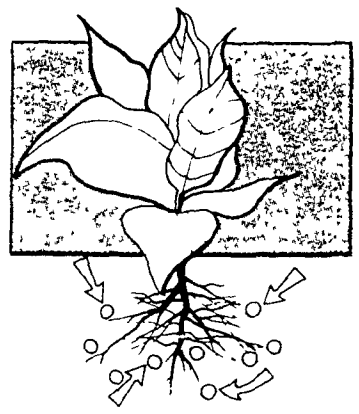

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PDA outlines pesticide safety tips

HARRISBURG — Pesticides can mean the difference between a beautiful and a "so-so" garden, and farmers rely on pesticides to provide consumers with a reliable supply of food at reasonable prices.

With the 1983 growing season in full swing, State Agriculture Department officials are reminding farmers and gardeners that "safety is a must" when handling these important chemicals.

Gerard J. Florentine, state pesticide coordinator says, "The best source of information on the safe handling and use of pesticides is found right on the manufacturer's label. Always read the label and follow directions carefully."

The Department offered the following tips on the use and handling of pesticides:

* Be sure your equipment is in proper working order before applying pesticides. Never blow out clogged hoses with your mouth - use proper tools to make repairs.

* Don't leave pesticide containers unattended and remember to return unused portions to the storage area immediately after dispensing the amount needed.

* Mix pestioides outside or in an area with proper light and ventilation. Take extra care when opening and pouring these materials to avoid spilling or contact with the skin.

* Never eat, drink or smoke when mixing or using pesticides. Wash thoroughly after handling any pesticides.

* Proper clothing is the best protection against possible contamination from pesticides. Protective devices such as gloves, respirators or boots must be used when indicated on the label.

* If you spill pesticides on your clothing, immediately remove them and wash skin with warm water and soap. Contaminated clothing should be washed separately and as soon as possible.

* Always store pesticides in a secure dry place where children, livestock and pets won't accidentally come in contact with them. Children and animals are curious – and they can't read the labels.

* Keep pesticides in their original labeled container with the label visable. Never put pesticides in familiar bottles or food containers. Don't store pesticides near food or seeds, and store herbicides separately from other pesticides.

* Containers should be inspected periodically to insure lids are tight and there is no corrosion or leakage. Empty pesticide containers should be triple rinsed and then properly disposed of.

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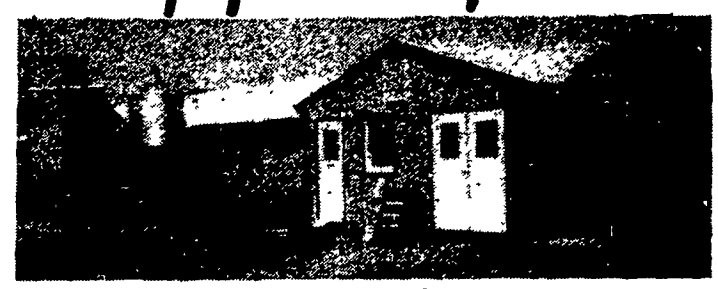

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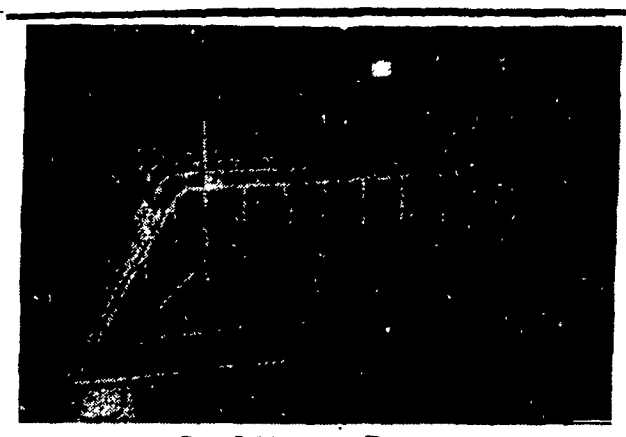

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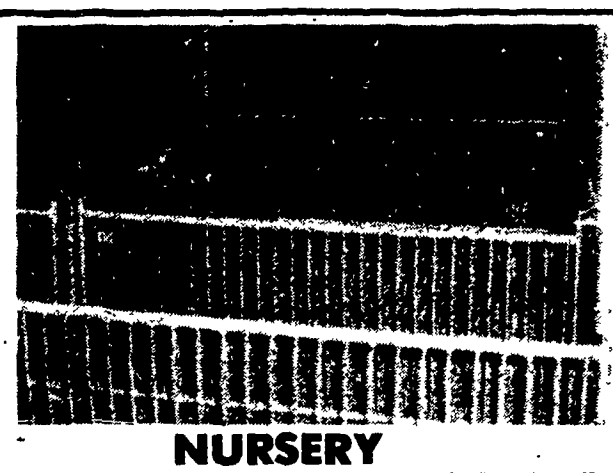

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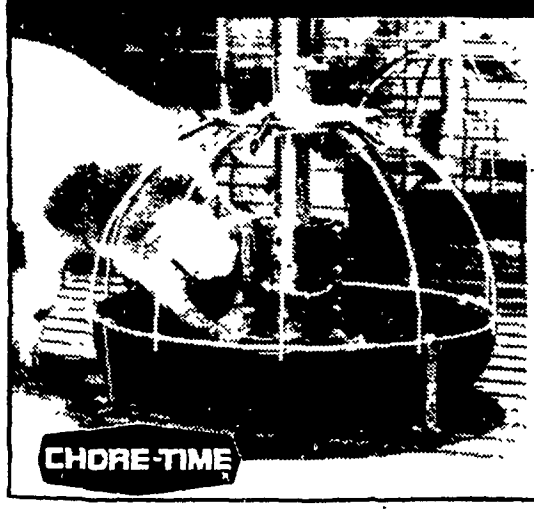

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Pa. Angus special celebration on July 8-9

CENTRE HALL — Pennsylvania Angus breeders will be celebrating the 100th birthday of the American Angus Association with special activities planned for July 8 and 9 at the Centre County Grange Fairgrounds, Centre Hall.

The two-day event will include field day activities, a judging contest, and the first Pennsylvania Angus Association summer breeders show. Highlighting the activities will be a ceremony honoring the state's centennial and historic herds.

The two centennial herds which have been registering Angus cattle for over 50 years are Penn State University (72 years) and The Woods Herd, Mercer, (67 years). Historic herds, breeders of Angus cattle for over 25 years include Koolspring Farm, Mercer; Devereux-Solei Farm, Downingtown; Shives Angus Farm, Seven Valleys; Twin Oak Farms, Quarryville; Logan Spring Farm, Bellwood; Rishels Edlyn Farm, Glen Rock; Springwood Farm, York; Lairds Angus Farm, Dover; Stonylonesome Farm, Stahlstown; Minor Angus Farm, Volant; Errer Hill Farms, Friedens; and Ridgmeade Farm, Fairview.

Field Day activities begin at 4:30 p.m. on Friday, July 8, with board meetings of the Pennsylvania Angus Association, the Pa. Jr. Angus Association and the Ladies Auxilary. A roast beef dinner will be served at 6 p.m. followed by "Angusfun," recreational events for both youth and adults.

Saturday, July 9 will be the big day of the celebration with an Angus judging contest to kick-off the days activities. Anyone, from anywhere, may participate in the contest, which includes a junior, mens, and ladies division. 4-H and FFA teams are encouraged to attend. Registration begins early at 7 a.m. and the contest starts at 9 a.m. under the direction of Chester County Extension Agent, Cheryl Fairbairn.

The Angus breeders show, which includes both open and junior division for bulls and heifers begins at 10 a.m. with the bull show. David Sleigh, Angus breeder from Gormley, Ontario will place the classes and Dick Beck of Wye Angus, Queenstown, MD will serve as Master of Ceremonies.

Lunch will be served at 11:30 a.m. followed by recognition of the centennial and historic herds by Association President Fred Frey, Quarryville. The Ladies Auxiliary will hold a fun auction at 1:00 p.m. and the heifer show begins at 1:30 p.m. Show managers Greg Kreuger, Coatesville, and Greg McKean, Mercer report that a junior showmanship contest will follow the Angus Show to select Pennsylvania representatives to the National Showmanship contest in Iowa.

The Pennsylvania Angus Association invites you to attend their centennial year functions and reminds you that the show will include over 90 entries of cattle of the highest quality to be found anywhere. Interested in Angus? Stop by and chat with breeders from across the Commonwealth.

Over thirty-five state Angus breeders have contributed to the show fund, expecting a memorable two day affair. Hope that you can join us in our centennial celebration. For more information, fee free to contact Pennsylvania Angus Association secretary Chester D. Hughes, 1383 Arcadia Road, Lancaster, PA 17601 or call 717-394-6851.

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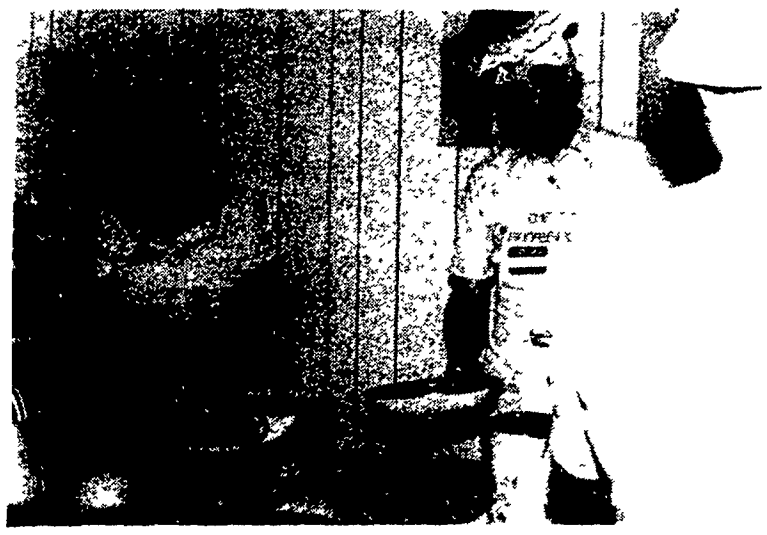
Heavy skies, sprinkles don't dampen York tours



Omelet king John Swartz "scrambles" to keep up with demand.

"Old McDonald" – dairyman D. Zirkle, greets small visitors to York farm tours and distributes balloons to Joshua and Leah Trimmer.

BY JOYCE BUPP
Staff Correspondent

LOGANVILLE — Heavy skies and occasional sprinkles failed to dampen the spirits of both visitors and volunteers at the annual Farm Tour last Saturday, sponsored by the York County Farmers Association.

Over 800 turned out to ride hay wagons to learn first-hand the workings of three diverse farming operations in the Loganville area. Hosts were the Wolfe Poultry Farm, owned by Mary Julius and her son, Tom Wolfe; Sun Valley Holsteins, the dairy farm of Austin and Paul Beck; and the Earl Brown Orchards, operated by Earl and Stanley Brown.

Departure of the tractor-drawn wagons was from the tour base at Wolfe's Poultry, where visitors peeked at thousands of caged layers, heard Tom Wolfe's explanation of how a caged operation works, and watched dozens of eggs roll through the smooth-running machinery of the packing house and into cartons.

At the retail sales room adjacent to the Wolfe's packaging assembly, families lined up to sample omelets cooked up by regional extension farm management specialist John Swartz and pick up hand-outs on poultry and eggs.

Next stop was at Sun Valley Holsteins, where the Austin and Paul Beck families welcomed wagonloads with a quick tour through the milking parlor and a chance to pet a baby calf. Dairy princesses offered popsicles and a display on feeding explained what a cow must eat to produce her daily output of milk.

(Turn to Page A37)

Jared Kane has a close encounter of an agricultural kind with calf on the Sun Valley Holstein operation of Austin and Paul Beck.

Packing house of Wolfe Farms was a popular stop on York farm tours last Saturday.

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The last of the Jerseys in Bucks County

BY HAROLD SHELLY

DOYLESTOWN — The last Jersey herd in Bucks County is fat and happy and living the good life on Shady Rill Farm in Buckingham Township. At least these were the initial observations of this writer as we turned into the long lane, and passed the neat sign that said "James I. and M. Louise Bayer."

When Jim and Louise Bayer took over from Louise's parents almost seven years ago, they were the third generation to farm Shady Rill farm.

John C. Myers, Louise's dad, is retired, but a stranger wouldn't know it to look at him. He slowed down long enough to answer a few questions about "Why Jerseys?", but removing a downed tree had priority, and off he went!

According to Myers, the local milk processors only wanted your milk in 1932 if it came from Jersey or Guernsey cows. In those days of glass bottles, it was necessary for the milk to show a good amount of cream floating on top, rising to the top three or four inches of the bottle. A butterfat content of 3.9 from Jerseys or Guernseys was exactly what the bottlers wanted. "Black and White cows weren't too popular," said Myers.

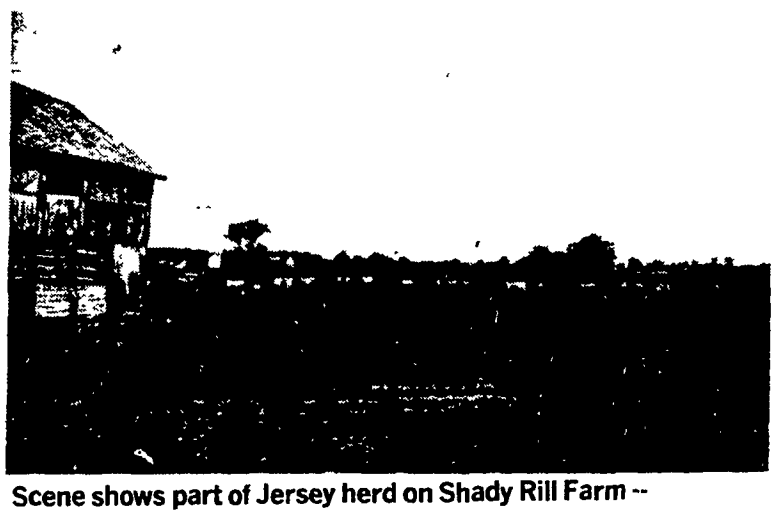
With the exception of occasional help from a local high school boy, Jim and Louise handle all the chores, milking and field work on the 77-acre home farm, plus the 190 acres of rented ground they farm. Daughter, Vicki, 15, and son, Derek, 12, help when schoolwork permits, but the brunt of the work falls on Jim and Louise. Some gentle teasing ensued, when Jim said he didn't know how to describe Louise's role in the operation. "I can't call her a hired person," he said, "because she doesn't get paid."

Louise, who is an RN from Grandview Hospital in Quakertown, said, "Obviously, I'm not working in my chosen profession!" By mutual agreement, the title "working partner" was bestowed on her.

Currently, the Bayers are milking 42 cows. They have 80 head registered with the American Jersey Cattle Club. The herd is a DHIA test and is currently giving 12,382 milk, 606 fat, 4.9 percent butterfat, 4.0 percent protein.

In 1932, the herd was decimated by brucellosis, and the Myers family sold the remaining cows. In 1933, they started over with three Jerseys purchased in Millerton. These three cows were the foundation for today's registered herd, with family lines being traceable fifty years back.

Jim and Louise Bayer are shown with some of the occupants of calf hutches on Shady Rill Farm.



Scene shows part of Jersey herd on Shady Rill Farm -- the last in Bucks County.

Jim is proud of the fact that in 1981, his Jerseys had the highest protein in the state, and in 1980-81, had the highest milk and butterfat in the state for herds of 50 cows and under. He breeds with AI, uses Sire Power bulls like Fascinator, Finalist of Marlu and Cain Ridge.

The herd is fed home grown corn silage, hay and a balanced ration of shelled corn, soybean meal, barley and Vigortone minerals.

Mastitis is not a major problem, Jim says, but milk fever was prevalent until he went on the vigortone program. He also said that calving presents no problems. Louise said her nurse's training has been a big help in caring for the calves, and her expertise with a hypodermic makes giving shots no chore at all.

Milking is done twice a day in a 36-stanchion barn with a DeLaval DV300 pipeline system. Jim's bulk tank has increased from an original 325 gallons to its present 525. He ships to Lehigh Valley, and continually collects incentive bonuses for top quality milk, and for higher butterfat content.

In discussing promotions for milk, and the 50-cent per hundredweight deduction to end the surplus, Jim said that "There is no surplus at Lehigh Valley," "Bill Stout need shippers." He believes the deduction will hurt the smaller

(Turn to Page A38)

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Inspector changes

WASHINGTON, D.C. — The U.S. Department of Agriculture is proposing changes to its regulations on duties and conduct of official grain inspection personnel and warehouse samplers.

Federal Grain Inspection Service Administrator Kenneth A. Gilles said the proposal deletes the requirement that licensees and warehouse samplers report changes in the scope of their duties and employment because it duplicates what is required of the official agency.

The proposal also adds a new paragraph which states that warehouse samplers are exempt from the conflict-of-interest provisions that apply to employees of the Federal Grain Inspection Service or official inspection agencies. The samplers are still subject to standards of conduct in the regulations.

York farm tours

(Continued from Page A35)

At Brown's Orchards, acres of trees hung heavy with immature fruit along the wagon path through the orchard. Soil conservationist Riggs Harwell spoke briefly to each group on the methods of conservation used on the farm's hillsides, pointing out especially the value of contouring the strips of strawberries and rows of vegetables and melons.

After returning to base at Wolfe's, a tent provided various commodity and craft displays for visitors browsing at leisure, "Old McDonald" passed out free balloons to the youngsters, at petting zoo by the Loganville 4-H Club and entertainment was bluegrass played and sung by local Representative A. Carville "Peck" Foster and Senator Ralph Hess.

Impromptu Conestoga-type wagon is devised with canvas over hay wagon to protect visitors on York County farm tours.

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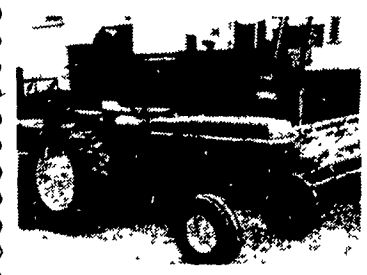
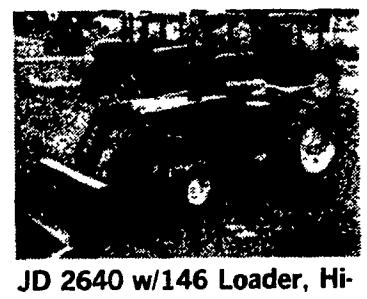
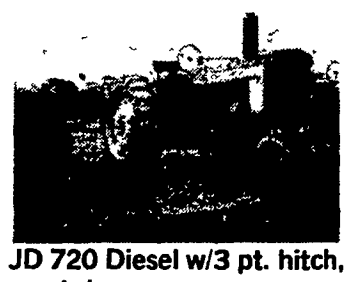


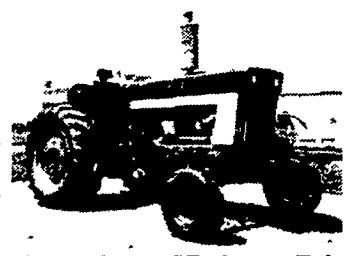
JD 2840 w/1450 hrs., 18.4x34 rears, one of a kind $13,400



JD 2640 w/146 Loader, Hi-Lo Shift, R&P Axle, 2103 hrs. real clean ... $14,700

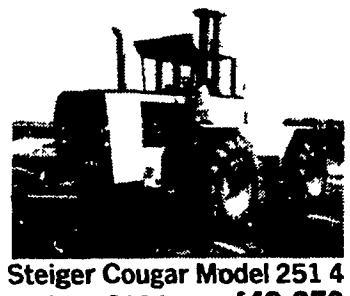


JD 720 Diesel w/3 pt. hitch, good shape



IH 966, 2657 hrs., T.A., three point, real sharp $12,700

JD 350 Diesel Crawler Loader w/Winch ... $9,500



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Top plowmen coming to York

BY JOYCE BUPP
Staff Correspondent

BAIR — Grain farmer John Shearer shouldn't have to do much plowing next fall, at least not on his acreage that adjoins the York County 4-H Center.

On Aug. 13, plowmen from as far away as South Dakota will throttle up their tractors and turn furrows straight and deep across Shearer's wide flat fields that abut the Center's wooded site, host to this year's national plowing contest.

The national contest, with entries expected from Pennsylvania, Ohio, Illinois, Iowa, Minnesota and South Dakota, will wrap-up a three-day plowing event hosted by York County farm and agribusiness groups. The county contest is scheduled for Thursday, Aug. 11, followed on Friday, Aug. 12 with the state runoffs, and a banquet on Friday evening. Tentative speakers for the banquet are Secretary of Ag John Block or Senator Howard Baker.

Honorary chairman for the national event is State Secretary of Agriculture Penrose Hallowell.

Chairing the local committee organizing the event is Charles Hess, Dallastown R1, a dairy and grain farmer who's won numerous plowing championships over the past several years.

"There will be both large and small plow classes," says Hess. "And a real crowd-pleaser is the antique machinery category. Tractors must be 1938 vintage or older, and plows must be on steel with rope trips."

Organizers anticipate at least ten entries in each category of the national competition.

Local equipment dealers and farmers will provide farm machinery demonstrations on the afternoons of August 11 and 12, running from 1 through 3 p.m. both days. Commercial exhibiters expected include seed, fertilizer, and equipment firms.

Interested commercial exhibitors and firms wishing to advertise in the souvenir program are encouraged to contact plowing contest secretary Richard Pennay, at the Federal Building in Harrisburg, telephone Area Code 717-782-4593.

Plans for the national event are being finalized through the joint efforts of several agriculture, community, and business groups, including the Department of Agriculture extension, Chamber of Commerce, York County commissioners, equipment dealers association and plowmen.

Charlie Hess, national plowing contest chairman, readies a promotional sign that went up this week on the host John Shearer farm for the National Plowing Contest.

Bucks County Jerseys

(Continued from Page A36)

dairymen. The younger men who are newly in dairying, whose expenses are higher, will suffer the most until the surplus is removed from the scene.

Regarding the marketing programs of the soft drink industry that always feature ice, and the coldness of the soda, Jim suggests putting ice cubes in milk to make it "an ice cold drink." He said they do it at home, and it's delicious.

In order to feed his herd, he plants approximately 50 acres of hay, 81 acres of corn, 18 of oats, 30 of wheat and 20 of barley, and purchases 75 tons of soybean meal annually. Louise spends two full days a month on paperwork in addition to her duties as a "working partner", and still finds time to take an active part in school and church activities.

As we said goodbye, Jim's last comment was, "Make sure you say that a Jersey cow is the most efficient cow there is!"

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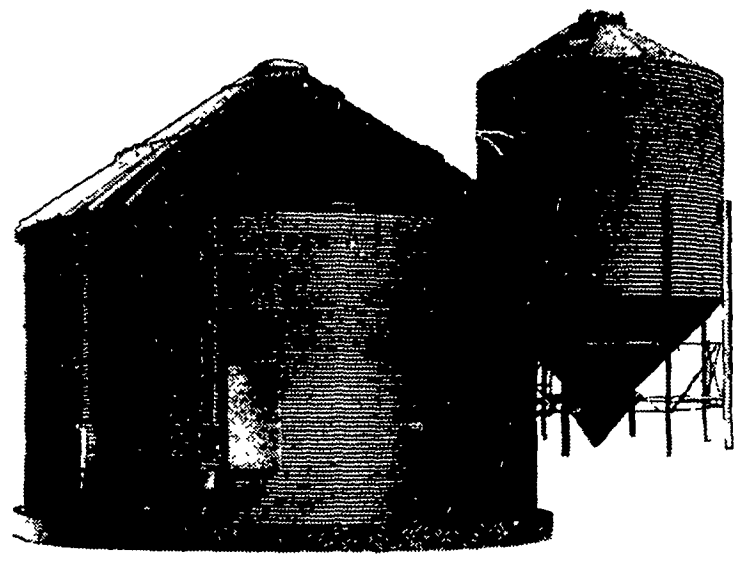

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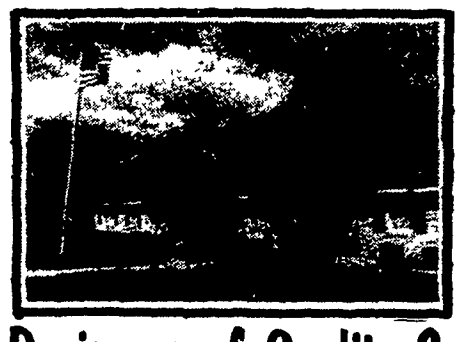

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Rare flu

(Continued from Page A1)

Diagnosis was done through the New Bolton Center and the virus was confirmed through the national virus control center in Ames, Iowa.

The Avian influenza is described as self-limiting and for that reason no quarantine has been ordered by the Pa. Bureau of Animal Industry.

The flu runs its course in a flock in about two weeks or so and then moves out of the operation. Of course, mortality has occurred in some of the operations in that time.

Since the eggs or meat of the birds are not affected, there is no continuing effect after the flu has moved out of a flock.

But transmission between flocks is the major concern and extra precautions concerning security and cleanliness are being advised among poultrymen.

Farm coming to Baltimore

ANNAPOLIS, Md. — People who work in downtown Baltimore should circle their calendars for August 11 for that's the day the farm comes to you complete with an array of melons, plums, peaches, nectarines, sweet corn, tomatoes and other goodies.

For the second-year, the Mayor's Office in Baltimore is joining with the Maryland Department of Agriculture's Marketing Services Section for the "Maryland Fresh Produce Festival" to be held from 11 a.m. to 2 p.m. in War Memorial Plaza opposite City Mall.

A number of Maryland fruit and vegetable growers will be on hand to display their wares, music will be played and several contests involving watermelons and peaches are scheduled.

So, remember the farm comes to town on Thursday, August 11 and that's the day you can have some fun and do some fresh shopping while taking one of Baltimore's famed festival breaks.

Genetic research honored

FORT COLLINS, Colo. — An international $10,000 prize, the Alexander von Humbolt award, has been shared by two U.S. animal scientitsts for their genetic engineering research related to animals.

Howard L. Bachrach of the U.S. Department of Agriculture and George E. Seidel, Jr., of Colorado State University, received the award which honors the scientists whose research has made the "greatest contribution to the agricultural sciences" in the past 3-5 years.

Bachrach led a research team that developed basic information about foot and mouth disease virus that pointed to the pathway for the first genetically engineered vaccine against foot-and-mouth disease of cattle and swine. He is based ath Plum Island, N.Y., Animal Disease Center of the USDA's Agricultural Research Service.

Seidel was research leader of a team in the Animal Reproduction Laboratory at Colorado State's College of Veterinary Medicine and Biomedical Sciences that used embryo-splitting techniques to produce the first cloned twin calves in North America.

Bachrach worked for 25 years to find the right protein that could be used to produce a subunit vaccine for foot-and-mouth disease. He and colleagues at Plum Island demonstrated that an effective vaccine for swine could be made from a portion of the virus called VP1 or viral protein number 1.

At this stage, collaboration began with scientists from Genentech, a San Francisco research firm, to produce a vaccine using gene splicing technology. That led to expressing the VP1 in a bacterium -- the first production of an effective vaccine against any disease of animals or humans through gene splicing.

Date extended

LANCASTER — The crop reporting and disposition date for fall and spring seeded small grains has been extended from June 15 to June 27. Report acreages to your County ASCS Office.

Sale Reports

A Public Auction o farm equipment wa: held June 18 at the Hunter's Sale Barn, Inc. along route 276, Rising Sun, Maryland.

Some prices received were: J.D. 4020 tractor w/cab $5475, 2 Dion unloader wagons $1100 each, J.D. 3-bottom plow $500, Oliver 10' disc $400, J.D. 720 tractor $2725, Ford 601 tractor $1775, N.H. 268 baler $1000, Int. side delivery rake $810, Case 310 crawler loader $3025, hay wagon $475, John Blue 400 gal. sprayer $975, and A.C. C tractor $675.

Auctioneers were Norman E. Hunter and Parkes T. Williams.

XXX

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FARM EQUIPMENT
For Nathan Ohlinger
FRIDAY, JULY 8, 1983
At 12 Noon

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1206 Farmall diesel w/duals; JD 2510 diesel tractor; Farmall M tractor w/live hyd.; Glenco 9' soilsaver; IH 470 transport disc; 12' cultipacker w/transport wheel; IH #510-16 double disc grain drill; JD 1250 plateless 6-30" row planter w/Gandy curb attach.; MF 410 combine w/#43 4 row corn head; NH 56 rake; NH 310 baler w/thrower, used 2 years; MC 3 beater manure spreader; 2-gravity grain wagons; 2-14' bale side wagon w/wide trac gears. Century 300 gallon weed sprayer; Mustang skid steer loader with 36" bucket.

Terms: Cash or check

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AUCTION starts Saturday 6 PM with all small items
1 - Sears table saw
1 long arm Singer leather sewing machine (walking foot)
1 - fan back couch
1 Morris chair
and much much more

AUCTION starts Sunday 10:30 AM - Farm Machinery and Cabin Lots
1 - Weber Lumber Wagon - A-1 condition and another lumber wagon, both with wooden spoke wheels
1 - One horse - top buggy - in good shape
1 - McC Derring manure spreader
1 - 2 horse walking plow
1 - #44 John Deere plow
1 - Hillside walking plow
1 - old feed grinder
1 - bale elevator, 18' long
1 - 3 section John Deere spring tooth harrow
1 - A T V
1 - McC Deering tractor about 1924 (motor stuck)
1 - home made breaking cart on rubber tire wooden spoke wheels
1 - John Deere G tractor as is good for parts
1 - 12' boat with old 2 cyl Good Year motor and steering wheel Model 2GZ
Several one acre plus cabin lots and much much more
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At 9:30 A.M.

LOCATION: At Jim Trout's Farm, 10104 Dublin Rd., Walkersville, Frederick Co., Md. From Frederick take Rt. 15 North & turn right on Biggs Ford Rd., To Dublin Rd. & turn left. Follow sale signs.

J.D. 3010 gas tractor w/wide front & weights; IHC 460 gas tractor; Farmall H tractor w/front end loader; IHC haybaler w/thrower; N.H. 68 haybaler w/thrower; N.H. Super 66 haybaler; Gehl 88 mower/cutditioner; Grove kickbale wagon; 3 kickbale wagons w/wood sides; J.D. 3 pt. sickle bar mower; (2) N.H. 717 forage harvesters w/1 row corn heads; N.H. 611 forage harvester w/direct cut head (rough); J.D. 38 forage harvester w/2 row corn head; Grove 2 beater forage wagon; J.D. 2 row corn planter; IHC 550 manure spreader; N.I. 212 manure spreader; IHC 530 (3) bottom kack-back plow; 2 springtooth harrows; Papec grinder mixer; 3 pt. 5 ft. scraper blade; 16 ft. feeder wagon.

1973 IHC LOADSTAR 1700 TRUCK W/ 16 FT. ALL METAL GRAIN DUMP BODY, EXC, COND.

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400 gallon Girton stainless steel milk tank w/4HP compressor; Surge 3HP vacuum pump w/complete vacuum line for 20 stall barn; Milkaway transfer station; (2) Rheam hot water heaters.

TERMS: Cash/Check on day of sale. Not responsible for accidents.

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THURSDAY, JULY 21, 1983
12:30 P.M.

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65 HEAD **65 HEAD**

22 years ABC & ABS Breeding

60 milk cows, 16 due in August, 9 in September, 10 in October, 9 in November, 4 in December, balance in all stages of lactation; 5 bred heifers due in Summer; animals sired and bred A1 - Rocket, Superior, Jerry, Snowman, Eric, etc.; app. 15 1st & 2nd calf heifers; cows and heifers all vaccinated. Herd certified & accredited; pregnancy checked; **100% Home Raised;** 48 cows shipping 2300 lbs. milk per day; 30 day charts; Semen tank, model LR 31; 1 ample H123 Rocket; 2 straws 2811; 1 straw each 3303, 3287, and 4151.

Owner:
W. FRANK & JETTIE MILLS
Auctioneer: Steve Petersheim
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Auctioneer's Note: This is an opportunity to buy good sized animals with type, and healthy udders from a good breeding program. Open heifers and calves will be sold in 1984.

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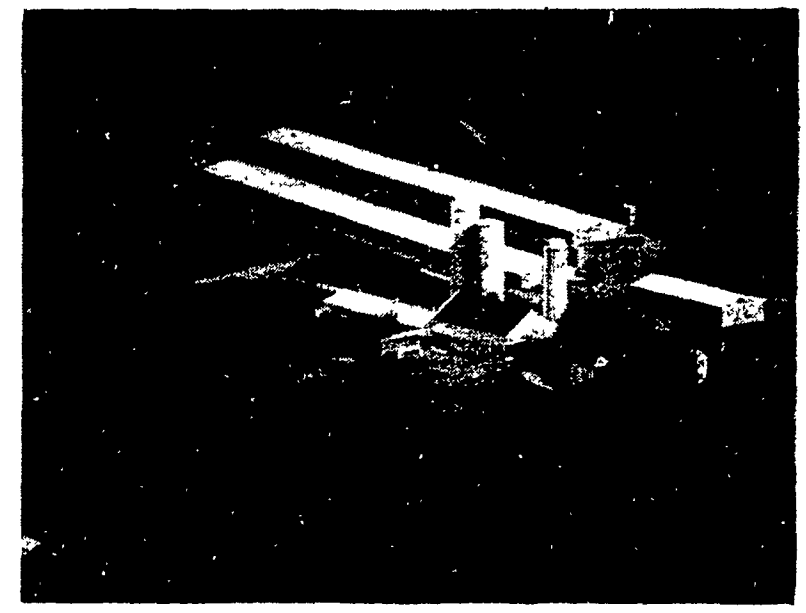

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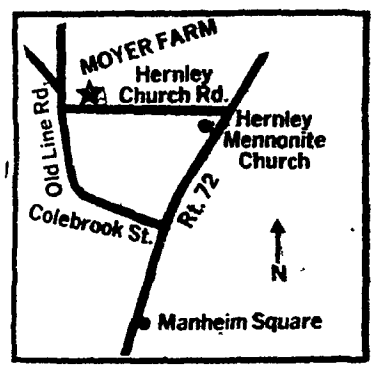

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Rain Date: June 30, 1983

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DOOR PRIZES
Supplied by exhibitors

This dairy herd is

Small in stature but large in numbers

BY SALLY BAIR
Staff Correspondent

When most people think of goats they think of cute animals which are nice for pets and nice for grazing areas which are difficult to mow. When Larry Davidhizar, R1 Hershey, thinks of goats, it is as commercial dairy animals.

True, goats are smaller in stature than the more traditional dairy cow, but the Davidhizars are just as concerned about sanitation and production as any dairyman.

Larry and his father Harry operate what is probably the only facility of its kind in this part of the state. They milk 35 goats and sell the milk both from their farm and through retail outlets in their own half gallon milk cartons. The total herd numbers 95.

The goats are milked in a four-stall milking parlor, modern and sparkling clean. Milk is cooled in a bulk tank and the cartons are processed in the milkhouse under extremely rigid sanitary conditions. Records are kept very meticulously, with the elder Davidhizar saying, "Our records are better than DHIA. We weigh the milk twice a day." I have an exact record. They also have the butterfat tested once a month at a private testing laboratory.

The Al-Har-La Goat Ranch is a family operation, with three generations involved and concerned. Harry is the primary milker of the herd and his wife Alda helped take care of the kids until a recent illness. This spring there was one week when 30 kids were born and she helped care for them all.

Larry's wife Susan is also deeply interested in the goat operation and is looking forward to working in it full time as they expand. She presently works in a health food store in Lebanon. Larry and Susan's 14-year-old daughter Chelsea helps with chores but also shows the goats as 4-H projects.

The elder Davidhizars operated a dairy farm in Somerset County where they milked Holsteins and Guernseys. Goats also were part of the family tradition, with Alda taking them as her responsiblity. Larry says, "My mother had goats as a sideline. My parents had goats since the 1940s and we were inspected to sell milk."

The family moved east in 1965 when Harry Davidhizer went to work on the dairy farms of Milton Hershey school in Hershey. He later worked for J.C. Snavely in Landisville.

Larry recalls, "In 1977 we decided to go into business for ourselves." One reason they chose goats for their venture is that they like helping people and they feel they are providing a service. "We are helping people who can't tolerate cow's milk and infants who can't digest formula."

He doesn't try to understand or explain the technical reasons that goat's milk is easier to digest, but says simply, "It takes 2 1/2 to 3 hours to digest cow's milk or formula and in a baby the milk will sour if it doesn't digest. Goat's milk will digest in 25-30 minutes."

Larry adds, "It's hard to find literature on goat's milk, but there are enzymes there which make it easier to digest. There is no cream line and the cream is naturally suspended because of the small fat globules." They capitalize on the milk's digestibility by calling it "the wonder milk."

"Martha" is taking her turn being milked in the milking parlor at the Al-Har-La Saanan Goat Ranch near Hershey. Harry Davidhizar adjusts the milker which is one of his own invention. The goats are fed in the parlor as they await their turn to be milked. Note that the parlor is raised for ease of milking.

Once they got into the business, the Davidhizars quickly learned, "There is quite a demand for goat's milk. It took time for people to know we're here, but it spread by word of mouth." They did some advertising, but Larry feels the primary business came by word of mouth.

During the early years of getting started, Larry drove long distance truck to make money which they used to purchase materials for the buildings on their farm. "We built the barn strictly for goats," Larry says. Harry did all the construction himself.

Indeed, everything is designed for the small goats, and the free stall barn is ideally suited for the animals. The milking parlor is built to hold four goats, but they milk just one at a time. With an average time of 1 1/2 minutes per goat, one person cannot handle more than one, in addition to preparing the next animal and changing them as needed. Their stalls in the milking parlor are elevated for easy milking, and they are fed while in place.

At milking time, Harry opens the door to the barn and calls the goats by name. They enter the parlor, and Harry remarks, "We call them by name, and they know their rotation. They also know their own stall. Most seem to realize when it's their turn. Each goat has a personality all its own."

Larry adds, "It's a pleasure to work with goats compared with cows." Each goat is washed using an absorbent towel, and stripped.

The goats are fed in the parlor at the rate of one pound of feed for every three pounds of milk produced. In the barn they are fed "good quality alfalfa hay," but Larry points out that the amount must be carefully rationed because once the hay touches the floor the goats won't eat it. "They're clean if you give them a clean environment."

The goats are milked using a milker of the family's own invention. Harry points out that it is part Surge. "It was made to fit a stainless steel kettle we got from my wife. It works beautifully." Larry notes that their initial investment was kept low by buying used equipment.

Production for this herd averages six pounds per day, with the average getting close to 6 1/2 pounds. Fat test is 3.0 in summer and 3.5 in winter. Total production is now 100 quarts per day. Culling is done according to production.

Susan Davidhizar, left, and her daughter Chelsea, feed some new kids from a bottle. A pan is introduced to the kids on the third day, and they are slowly weaned to milk replaced after about five days. These kids obviously love the attention they get as they are bottle fed.

All the goat milk is sold either on the farm or through the retail markets which Larry has established. In fact, a large portion of Larry's time is spent traveling to the stores making deliveries from the refrigeration unit on the back of his pick-up truck. He travels as far as York, Carlisle and Allentown, with many stops in between. Every retail outlet which carries his product is visited twice a week, and Larry removes any milk that has not been sold. While he feels the milk is still good, he doesn't want anyone to purchase it if it isn't stricly fresh.

The goat milk is sold raw, but is packaged in half gallon, attractively designed containers with the Al-Har-La name on the side. It is packaged in the milk house on an automated machine.

Larry says, "We sell mostly to health food stores. They are looking for it. We could sell twice the milk. We have a waiting list for stores that would like to sell it."

The milk sells for about $2.50 a half gallon in retail stores and $3 a gallon from the farm if customers bring their own container to the farm. "Price doesn't seem to bother customers," Larry says. "The majority drink it for health reasons.

The most frequently asked questions are, "Does it smell like a goat?" and "Does it taste like a goat?" Harry says the smell question comes from the time when the billies ran with the nannies and their smell seemed to permeate everything. "We've got to get away from that idea, he states. Larry says some people expect the milk to be pasteurized.

A challenge for a goat herd of this size is supplying the market with a steady supply of milk, meaning that the goats must be bred year-round. It's a problem, Larry explains, "because in the summertime they don't show the heat cycle nearly as long. We're with them, so we have a pretty good idea when they will be in heat." The Davidhizars have three billies for their breeding.

(Continued from Page B2)

Homestead Notes

Harry Davidhizar feels his records are even better than DHIA because he records the weight of each goat's milking twice a day. He says, "I have exact records."

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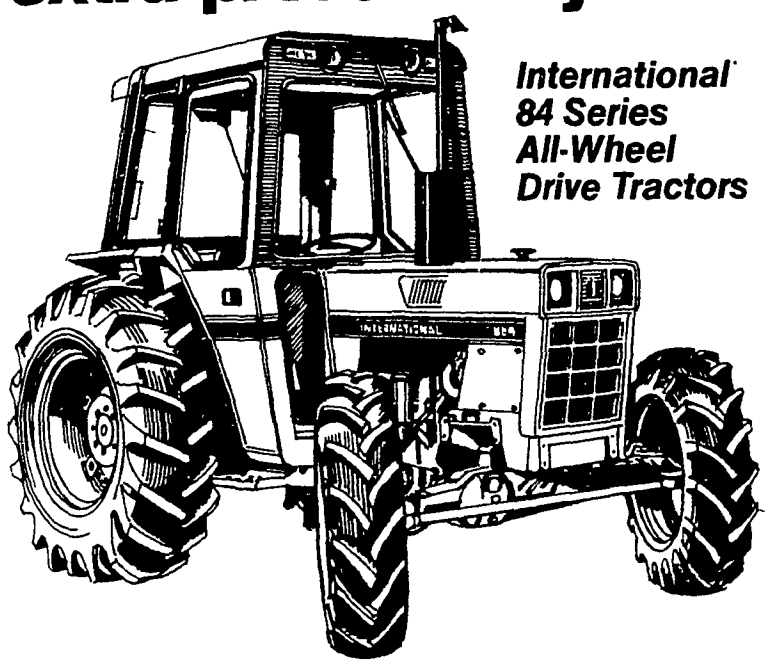

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Small in stature

(Continued from Page B 2)

There is a five-month gestation period for goats and most give birth to twins. With a herd their size, Larry says they'll get five or six sets of triplets in a year.

With the market readily available, there are some goat owners who would like to sell their milk to Larry. However, he points out that most are not willing to work with the breeding situation, and he cannot take on milk which will be seasonal. He would also expect others to live up to his high sanitation standards.

One other problem with raising goats is that their illnesses are not well known to veterinarians, although Larry says, "They are learning more now, but when goats get sick they can die in 12 hours. It is mostly hit-or-miss, trial-or-error."

The Davidhizars raise their own herd replacements, and hope to expand the herd. Kids are weaned from the mother the first day, but kept on mother's milk for five or six days. "They are broken to a pan after three days and milk replacer is introduced slowly," Larry adds, "They are given free choice of hay and grain from the day they are born, so when they are ready to eat it is there."

The herd now consists primarily of Saanans, which Davidhizar likens to Holsteins in their efficiency and milk production. There are a few Alpines, and lots of friendly joking between father and son about whether they should add more. Harry is strictly a fan of Saanens, and doesn't see the need to acquire any other breed.

The Davidhizars are justifiably proud of their dairy goat herd. Larry notes, "Our herd is inspected and has health tests. We have to follow the same lines as a dairy or someone selling cow's milk."

They also enjoy using their own product, using goat milk exclusively. Harry says, "If you're not sold on your own product your surely can't sell it."

There is no doubt that all the members of this family are sold on their product and on the neat and trim animals which produce it. Their enthusiasm certainly helps in establishing new outlets for goat's milk and will be the key to their future as they look to expansion of their goat herd.

"The Wonder Milk" is what they are building their future on.

Vegetable canners need testing

LANCASTER — Pressure canners used to preserve vegetables, meats, poultry and fish should be tested each year for their accuracy to insure that the canned food is safe and of good quality. Those gauges needing testing are the dial type gauge and the weight with a sliding core gauge.

Contact your local Extension Service's home economist for advice and guidance on having your canner tested for accuracy.

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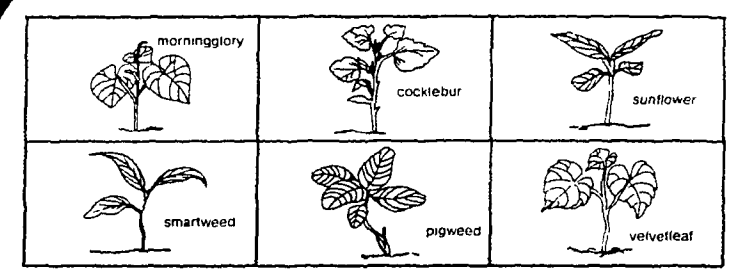

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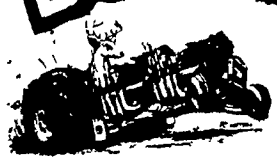

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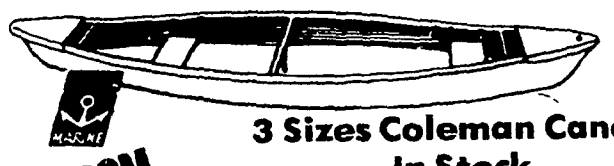

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Five Lebanon Countians earn leadership positions

LEBANON — Five Lebanon County 4-H'ers have been named to leadership positions for the Pa. Leadership Congress to be held next week at Penn State.

Selected are Greg Allwein, Tony Allwein, Troy Funk, Lori Reesor, and Dan Shiner.

According to Linda Siegel, 4-H agent, they were selected to lead activities, workshops, and assemblies during the 4-day leadership development program.

Greg, a junior at Indiana University of Pennsylvania, is one of the six Leadership Council advisors. He will advise 40 teen leaders who, in turn, lead activities for about 450 13-15 year olds. He was selected by the 1982 Leadership Council.

Lori, a recent graduate of Elco, will be a Leadership Council member. Dan and Tony will serve as Day Camping Council members, leading camp leadership activities for 200 14-17 year olds. Troy will assist with "Telling the 4-H story," a program which teaches public speaking, radio, and newspaper skills.

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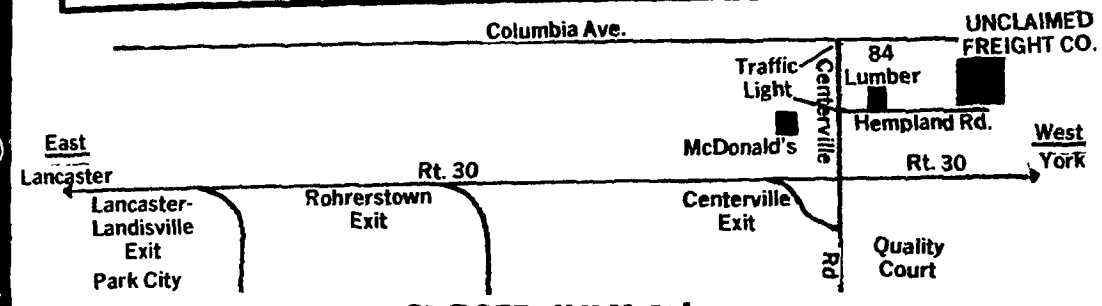

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Ida's Notebook

Ida Risser

The seasons come and the seasons go. As I grow older it seems that they move along more rapidly than ever before.

Now that summer is here, we've finally completed all the changeover that is necessary. The window fan has been installed in our bedroom and the large portable fan is in the kitchen. The screen doors are in place and the rocker once again sits on the front porch waiting for someone to have time to use it. These are the rituals of our summer season. And before we realize it, fall will be here and we will reverse the procedure.

As a child it seems as though time stretches endlessly before us. Than at some point, we suddenly realize that our own time and other peoples' is definitely limited. Maybe when we see our friends and relatives with serious health problems, maybe when we get some aches and pains of our own then we realize our own mortality.

Now we savor each season when the honeysuckle blooms and fills the air with its heavy fragrance. And, we remember how we were taught to bite the end off of a blossom and draw out the sweet drop of nectar. We relish the sound of the scolding house wren as we come too close to her nest while hunting berries and the excited thrush that darts close to us in an attempt to frighten us away.

Another thing to cherish is our childrens' presence. This might be the last summer that Cindy will spend at home helping me with chores after her factory job is completed. As an industrial engineer, she too might end up far from home. At the end of June, one of our children will be in Baltimore, another in Wisconsin and another in Montana. Recently one of them traveled from Boston to New York City and then to Dallas and other cities in between. Sometimes I think they move even faster than the seasons.

Correspondence course available on honeybees

STATE COLLEGE — Honeybees have a close-knit society in their hives. There is a queen mother, a few drones loitering, and hundreds of workers who do the labor. Each has his own specialized work to do. Without organization, bees would produce little honey.

A correspondence course on beekeeping from Penn State says that the worker bees do the labor and are their own bosses and managers. They find and gather nectar, clean, and ventilate the hive, and toss out useless drones.

Other than to mate with the queens, the drones have no assignments; they are called gentlemen of leisure. They fly about humming and taking food from the mouths of nursing workers and comb cels. In autumn, the workers throw the gentlemen out into the cold to die rather than feed them all winter.

Although the queen is mother to all the bees in the hive and she may have thousands of progeny, she has no authority to rule. Her family feeds and cares for her while the older workers nurse the babies and make family decisions.

To learn more about the fascinating lives of bees, their care, and the production of honey, send to Penn State for their course. To get the complete course, send $9.25, including postage, to Beekeeping, Dept. 5000, University Park, PA 16802. Make check payable to Penn State.

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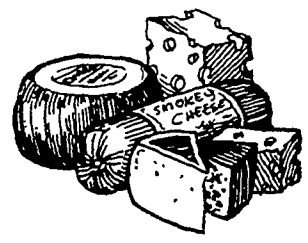
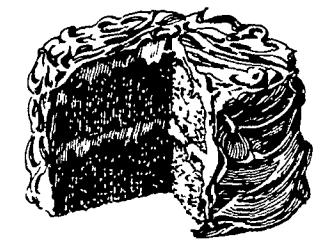


Home On The Range



Dairy products 'scoop' the awards for good taste!

Scoops of ice cream make an elegant finale in a meringue shell. The combination is topped with sliced fresh strawberries - another summer favorite. Find the recipe for this PINK CLOUD AMBROSIA on this page along with the month's final selection of dairy recipes.

Ice cream — perhaps more than any other member of the dairy group — has been one of America's favorite dishes since 1776 when Dolly Madison, George Washington and Mrs. Alexander Hamilton were know to have favored it.

Your name may never appear in history books, but you can enjoy ice cream even more than our ancestors did, because the varieties of ice cream are endless.

Try the Ambrosial Dessert pictured to the right, and with it, serve another dairy dish from below.

ICE CREAM PIE

Mix:
1/3 c. light corn syrup
1/3 c. peanut butter
2 c. Rice Krispies

Put in pie plate as crust. Fill with ice cream and freeze. Remove from freezer and top with whipped topping before serving.

Verna Douts, Quarryville

BAKED MACARONI 'N' CHEESE

1 can cream of mushroom soup
1/2 c. milk
1/2 t. prepared mustard
generous dash pepper
3 c. cooked elbow macaroni
2 c. shredded Cheddar cheese

In 1 1/2 qt. casserole, blend soup, milk mustard and pepper. Stir in macaroni and 1 1/2 c. cheese. Bake at 400 degrees for 25 minutes or until hot. Stir. Top with remaining cheese. Bake 5 minutes more or until cheese melts.

Linda Miller, New Smithville

PINK CLOUD AMBROSIA

Meringue:
3 egg whites at room temp.
1/4 t. cream of tartar
1 t. vanilla
1 c. sugar
red food color, if desired

Sauce:
1/2 c. peach preserves
2 T. honey
1 T. fresh lemon juice
2 c. halved seedless green grapes
1 c. sliced strawberries
1/2 c. sliced peaches
1 qt. vanilla ice cream

If food color is not used in meringue, substitute 1 qt. strawberry ice cream for the vanilla.

Preheat oven to 275 degrees. For meringue, beat egg whites in a small mixing bowl until frothy. Add cream of tartar and vanilla; beat until soft peaks form. Add sugar, 1 T. at a time, beating constantly until stiff peaks form. Add food color. Cover baking sheet with brown paper. Draw 8-inch circle or heart shape on paper; spread meringue to shape, building up edges to form a shell. Bake 1 hour. Cool; remove brown paper. For sauce, melt peach preserves in heavy saucepan over low heat, cool slightly. Stir in honey and lemon juice. Combine with fruit; refrigerate 3 hours. To serve, scoop ice cream into shell, then spoon on some of the fruit. Pass remaining sauce.

American Dairy Association

CUSTARD PIE

4 eggs, beaten
1/2 c. sugar
1/4 t. salt
1/2 t. vanilla
1/2 t. almond extract
2 1/2 c. milk, scalded
cinnamon

Blend together all the ingredients, except milk. Gradually stir in scalded milk. Pour into unbaked pie shell. Graham Cracker Crust works well:
1/4 c. melted butter
1 pkg. graham crackers, crushed

Barbara Allsopp, Summerhill

ICE CREAM PUDDING

50 Ritz crackers
1 stick butter
2 small boxes instant vanilla pudding
1 1/2 c. milk
1 1/2 qt. vanilla ice cream

Mix Ritz cracker crumbs and butter. Press into bottom and sides of serving dish. Reserve some crumbs for the top of pudding.

Mix instant pudding and milk. Beat for 2 minutes. Add softened ice cream and beat. Pour into dish and garnish with remaining crumbs. Refrigerate or freeze until serving time.

Variation: substitute 1 box instant butterscotch pudding for one of the vanilla.

Mrs. G. Burkholder, Ephrata

CHICKEN NOODLE AU GRATEN

3 c. noodles
1/4 c. butter
1/4 c. flour
1/2 t. salt
pinch of salt
2 c. milk
1/2 c. cheese
2 c. diced cooked chicken
1 c. cooked peas
1 1/2 c. diced carrots
2 T. bread crumbs

Cook noodles, melt butter, blend in flour and seasonings, add milk until thickened. Add cheese, chicken peas, carrots and noodles. Pour into greased casserole. Put bread crumbs in top and bake for 15 to 20 minutes at 400 degrees.

Carolyn Musser, Myerstown

MEATBALLS WITH TOMATO SAUCE

6 c. cracker crumbs to which have been added 3 T. salt, 1 T. pepper, and 2 T. oregano or 4 c. already seasoned bread crumbs
5 1/2 to 6 lbs. ground chuck
2 med. or 1 large onion
2 small pieces of garlic
4 eggs
2 c. milk

Combine onion, garlic, eggs and milk in blender. Add to ground chuck and cracker crumbs, combining well with hands.

Form into 80 or 90 meatballs and place on cookie sheets. Brown well in oven at 350 degrees. While meatballs are browning, prepare sauce.

Sauce:
4 qt. home canned tomato juice or whole tomatoes
1 8-oz. can tomato paste
1 c. sugar
oregano
garlic powder

Cook together for a few minutes; pour over meatballs in heavy roasting pan or Dutch oven and bake at 325 degrees for 2 1/2 to 3 hours.

Mrs. Gary Gastemire, Edinboro

PIZZA FONDUE

1 29-oz. can meatless spaghetti sauce
1 8-oz. pkg. mozarella cheese, shredded
1/4 c. grated Parmesan cheese
2 t. minced onion
1/4 t. garlic salt
1 loaf Italian bread, cut in chunks

About 20 minutes before serving.

On range over low heat, heat all ingredients except bread until cheese is melted and sauce is hot, stirring frequently. If using electric fondue set, prepare on base at medium setting and reduce to low to serve. Provide toothpicks for bread to be dipped in hot sauce. Makes 12 appetizer servings.

Marlene Queensberry, Stewartstown

POTATO AND CORN CHOWDER

2 large onions
2 T. butter
2 qt. milk
1 qt. diced potatoes, raw
1 qt. fresh or frozen corn
2 t. chopped parsley
2 t. salt
1/4 t. black pepper

Brown onions in butter and add milk, potatoes, corn, parsley, salt and pepper. Cook slowly until potatoes are soft.

Serve hot.

Nancy Bilyk, Belvidere, N.J.

CHOCOLATE CHIP TAPIOCA CREAM

1 egg white
2 T. sugar
1 egg yolk
2 c. milk
3 T. Minute Tapioca
2 or 3 T. sugar
1/8 t. salt
1/2 t. vanilla
1/3 c. Baker's Semi-Sweet chocolate

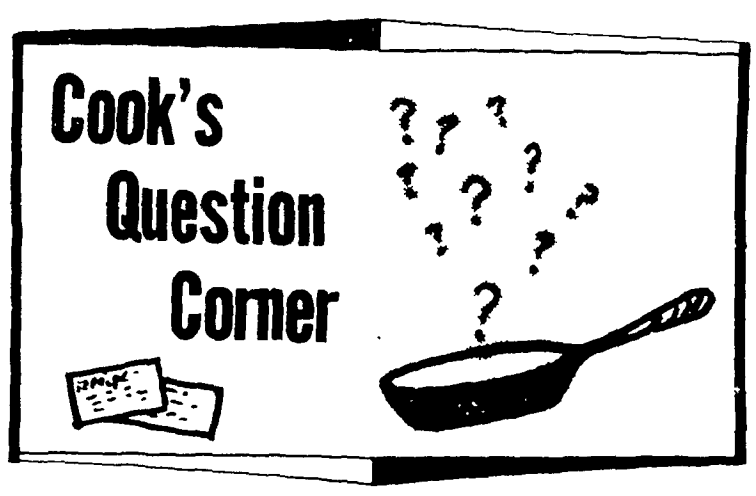
Beat egg white until foamy throughout; add 2 T. sugar, 1 T. at a time, and continue beating with rotary egg beater until mixture will stand in soft peaks. Set aside.

Mix egg yolk with a small amount of the milk in saucepan Add remaining milk, Minute Tapioca, 2 or 3 T. sugar and salt. Place over medium heat. Cook until mixutre comes to a full boil, stirring constantly. This takes 5 to 8 minutes. Do not overcook. Mixture thickens as it cools. Remove from heat. Pour small amount of mixture gradually on egg white meringue; blend. Add remaining mixture, stirring constantly — the hotter the tapioca the thicker this pudding will be. Add vanilla. Cool, stirring after 15 or 20 minutes. Then fold in chocolate chips. Chill.

Garnish with whipped cream and mint leaves.

Marie Martin, New Holland

(Turn to Page B8)



QUESTION — I would like to see you print a recipe for making homemade goat cheese if anyone could provide you with one.

John Confer
Julian, Pa.

QUESTION — Does anyone have the original recipe for Toll House cookies? Nestle's chocolate chips used to carry measurements by cup measures, now they only offer tablespoon measurements. I think the cookies taste different since the measurements have been changed. Can anyone help?

Karen Summers
Upper Darby, Pa.

Recipe Topics

July	
2	Perfect picnic pleasers
9	Fruit - the summer's pride
16	Chicken for summer meals

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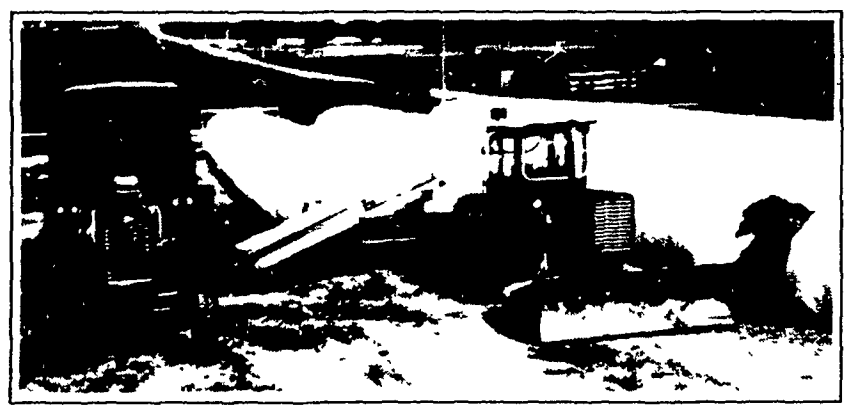

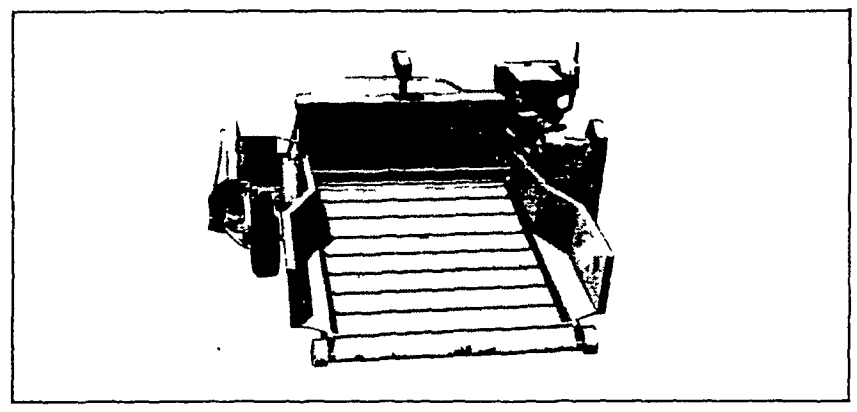

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Don Carter of Parkdale, Oregon

"The best move I ever made"... says Don Carter in reference to his switch to bagging silage on his dairy near Parkdale, Oregon.

"I get 18% more feed from the same acreage and the feed lasts three times as long. I used to clean my bunks after three days, now I only need to clean them after 10 days."

Roland Rasmussen of Blair, Nebraska

"In addition to everything else, it's a management tool"... says rancher, Roland Rasmussen of Blair, Nebraska.

Roland farms 350 acres west of Blair, Nebraska, and fattens about 650 cattle from 600 lbs. to finish.

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Bert Anderson of Sceptre, Saskatchewan

"At least 30% more feed... I can guarantee at least that"... says rancher, Bert Anderson, of Sceptre, Saskatchewan

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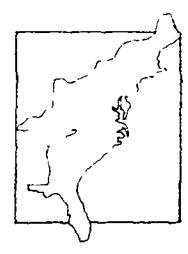

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FDA launches educational program on prescription drugs

Americans spend some $12 to $13 billion a year on prescription drugs. Yet, study after study shows that up to half of those drugs are taken incorrectly. That's a waste of money. But money isn't all we're losing. Failure to take medications properly also exacts a *health toll of unknown proportions.*

The reasons for these tremendous losses are many, but they can usually be traced to a lack of *communication* between health professionals and patients. This lack of communication is a matter of growing concern to many in the health care field, and it's the reason why the Food and Drug Administration have joined with others to see what can be done about educating both patients and professionals.

One of the initial FDA efforts in this area is the inclusion of a message on proper use of medications in a stuffer that will be mailed with the July Social Security checks that are sent to 36 million people.

It is expected that the check insert will get wide readership and result in more questions being asked of health professionals. To be sure that doctors are aware of this mailing, letters were sent to some 110,000 doctors including primary care physicians and cardiologists telling them about the message and program.

The Social Security check insert isn't all the FDA will be doing to educate consumers and patients. Other projects include: a brochure for distribution through supermarkets; a series of five print ads offered to daily and weekly newspapers and magazines; articles in the FDA Drug Bulletin, which is circulated to 1.2 million health professionals; and distribution of reprints from FDA Consumer magazine.

In addition industry, professionals and consumer groups and other organizations, including the newly formed National Council on Patient Information and Education, are carrying out separate programs. These have included television public service announcements and leaflets on individual prescription drugs prepared by the American Medical Association, the American Association of Retired Persons, and the American Academy of Family Physicians.

The following information is included on the check stuffer for July:

If you are on a prescription drug, be sure you know –

– The name of the drug

– Its purpose – what condition it treats?

– How and when to take the drug and when to stop taking it

– What side effects may result – are they serious, short-term, long-term, etc?

If you have an questions about your prescription, ask your doctor or pharmacist.

For free brochure about prescription drugs, write to: Rx Drugs, Department 62, Pueblo, CO 81009.

Dairy products

(Continued from Page B6)

ICE CREAM DELIGHT

60 Ritz crackers, crushed
1/4 lb. butter, melted
2 pkg. instant vanilla pudding
1 1/2 c. milk
1/2 gall. vanilla ice cream

Combine crackers and butter. Line dish with crumbs mixture. Beat remaining ingredients together Pour on crust. Garnish with a few cracker crumbs. Chill.

Emma Lauver, Ephrata

CUP CUSTARD

3 eggs
1/3 c. sugar
1/4 t. nutmeg
1/4 t. salt
3 c. scalded milk
3/4 t. vanilla

Beat the eggs, add sugar, salt, scalded milk and vanilla. Mix thoroughly. Pour into 6 custard cups of 1/2 c. or 4 oz. capacity. Sprinkle cinnamon on top. Place the cups in a pan and pour in 1-inch of boiling water. Bake uncovered at 350 degrees for 35 minutes. When done, a knife should be clean when withdrawn from center.

Fannie Fisher, Strasburg

CHOCOLATE PIE

2 c. milk
1 c. sugar
1 heaping T. cocoa
3 egg yolks
2 T. cornstarch
1/4 t. salt
1 t. vanilla
3 T. melted butter

Cook this mixture until it thickens and pour into baked pie crust. Top with whipped cream or meringue.

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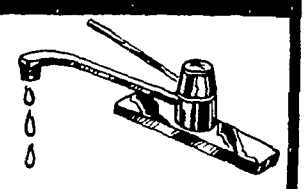

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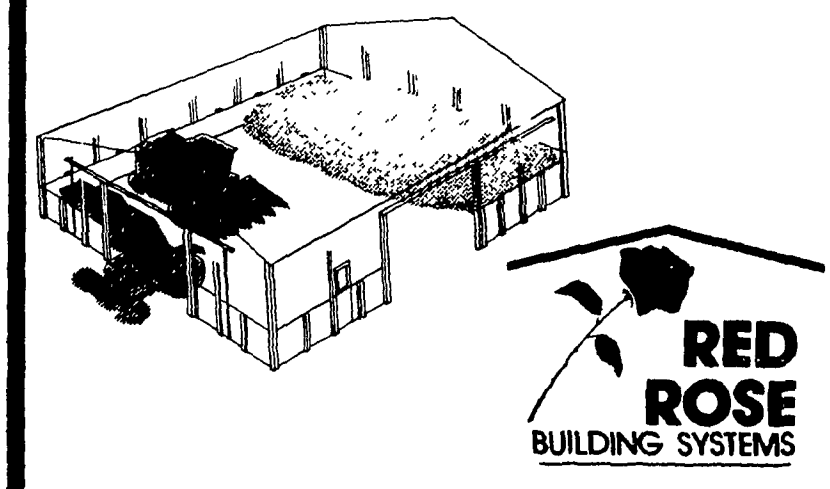

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PENNSYLVANIA LICA

Pifer to serve on national 4-H summer staff

UNIVERSITY PARK — A Pennsylvania 4-H alumna, Janet Pifer of Reynoldsville, has been named recipient of a fellowship from the Dot Emerson Commemorative Fund, to serve as a program assistant on the Citizenship-Washington Focus staff at the National 4-H Center June 5 through August 13.

The summer program will attract nearly 4,600 teenage 4-H members from 44 states to the nation's capital for week-long sessions to study and observe our national heritage and system of government. Special emphasis will be placed on citizenship and leadership skills to address contemporary issues each week.

Under her fellowship, Pifer's special emphasis will be on community involvement in 4-H.

Pifer, who has been involved in 4-H for 14 years, including three years as a volunteer leader, is a graduate of Indiana University of Pennsylvania, with a bachelor's degree in home economics. She participated in the Citizenship-Washington Focus program, and was selected to attend National 4-H Congress, Chicago, Illinois, in 1979 on the basis of her 4-H achievements. Pifer served as a president of her collegiate 4-H club and was a delegate to the National Collegiate 4-H Conference.

She previously worked with the Penn State Cooperative Extension Service at its University Park Campus and in the Jefferson County Extension Office. Last year, she was a participant in an international 4-H exchange program to Barbados. While a 4-H member, she carried projects in clothing, food-nutrition, leadership, public speaking, health, citizenship, gardening and conservation of natural resources. She was employed as a program assistant at the National 4-H Center this spring, and worked with adult and youth groups.

Pifer is one of 18 alumni from 15 states and Denmark who will serve on the Citizenship-Washington Focus staff, helping young people understand the structure and function of our system of government, the heritage of our country and the importance of active participation as citizens.

Using the nation's capital as a classroom, the program includes a day on Capitol Hill to meet with members of Congress, visits to federal agencies and organizations, as well as to historical and cultural sites, and intensive seminars on ways skills and knowledge gained can be applied to 4-H programs in local communities.

Citizenship-Washington Focus is conducted by National 4-H Council in support of the 4-H program.

America remains a meat 'n' potatoes country

LANCASTER — According to a USDA publication, Farm Paper Letter, America remains a meat and potatoes country despite overwhelming ads convincing Americans to consume gourmet and foreign-introduced food.

This means that milk and bread remain high on our list of favorite foods.

In fact, if a list was drawn up, — and it was by a U.S. Department of Agriculture Economic Research Service survey — bread would rank first, red meats, second; milk, third; and potatoes, fourth.

Fifty-eight percent of us say they eat bread every day. Ninety-three percent of us say we eat it at least 1 out of every 3 days. Sixty-one percent of us say they eat red meats every day. Eighty-five percent say they eat meat 1 out of every 3 days.

Fifty-five percent say they drink milk every day; 83 percent say they drink it 1 out of 3 days. None of us say we consume potatoes every day, but 75 percent say they consume potatoes at least 1 out of 3 days.

Coffee, soft drinks and tea follow milk on our list of favorite beverages. More than half of us drink coffee and soft drinks 1 of every 3 days. Thirty-eight percent of us drink tea one of every 3 days. Only 8 percent of us drink beer and 5 percent of us drink wine 1 of every 3 days.

Lettuce, tomatoes and cabbage rank as our favorite vegetables. Yet only 51 percent of us eat lettuce; only 28 percent of us eat tomatoes and only 10 percent of us eat cabbage 1 of every 3 days.

Celery and carrots rank as our least favorite commonly eaten vegetables. Only 5 percent of us eat celery or carrots 1 of every 3 days.

Hamburgers and frankfurters? They rank well behind chickens on our list of meat favorites. Only 15 percent of us say we eat frankfurters, only 10 percent say they eat hamburgers 1 of every 3 days. This, compared to 43 percent for chicken.

Fruits apparently are not high on our list of priorities. Only 36 percent of us say we drink orange juice, only 17 percent say they eat bananas, 16 percent say they eat apples 1 of every 3 days.

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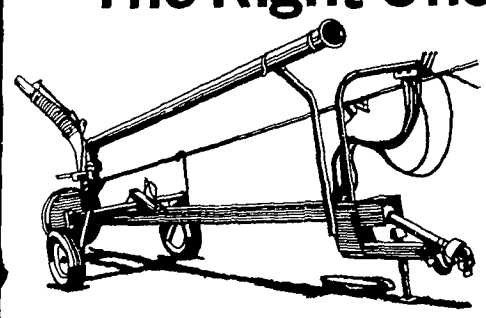

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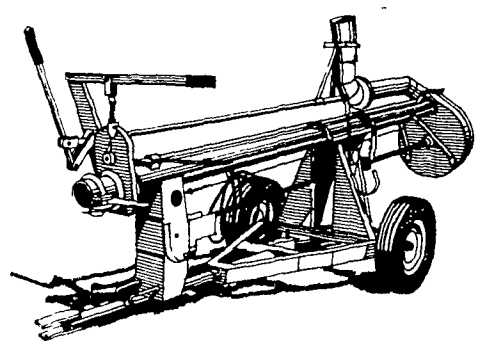

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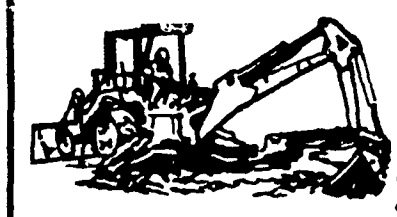

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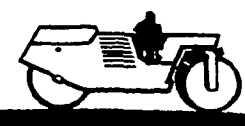

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Oil, garbage and milk - they're all in the pipeline

WASHINGTON, D.C. — If and when the pipeline to carry natural gas from Siberia to western Europe is built, it will be just one more piece in the world's vast, largely invisible network of underground pipes carrying commodities (even milk !) from one place to another.

It also will continue a history linking ancient China and modern Saudi Arabia, Fredonia, N.Y., and Pithole City, Pa., milk and garbage, war and peace.

A pipeline is simply a means of transportation, a way to get things from here to there. Though pipelines carry beer, milk, and garbage, the overwhelming majority in this industrial age carry oil and gas.

Simple But Potent

Simple though a pipeline is, it has the power to affect the world's geopolitics, as the fight over the Siberian pipeline suggests. It can have strategic import, as seen in a new Saudi Arabian pipeline linking desert oil fields with the Red Sea to the west, lessening Saudi dependence on the tense Persian Gulf to the east.

And it can have immense economic significance, as in the case of landlocked Bolivia, whose oil gets to market via a pipeline that reaches as high as 14,400 feet over the Andes to the Pacific.

In the United States, every state except Hawaii has either a crude oil pipeline, a petroleum products pipeline, or a natural gas pipeline, and sometimes all three. Pipeline maps of Texas, Oklahoma, and Louisiana look like plates of tangled spaghetti.

And new pipelines are always under construction. A trade journal estimates that 16,367 miles of pipe will be laid this year, with another 25,425 — enough to circle the Earth at the equator—planned.

The concept of pipelines goes back thousands of years. The Babylonians used clay pipelines to carry rainwater in their temples, and the earliest metal pipe, made of copper, has been found in an Egyptian temple.

Sybarites used pipelines to transport wine, but it was the Romans, with their aqueduct systems, who developed pipeline building into an art.

The Chinese again pioneered in the use of pipe to carry natural gas. During the Shu-Han dynasty, in the third century A.D., gas was transported locally through bamboo pipes for use as a fuel and as a heat source to help evaporate salt brine.

First in Gas

The first commercial natural gas pipeline was laid in 1820 after a natural gas well was found in Fredonia, N.Y. The city became famous for its gas lighting, and a gas pipe was made part of its official seal. The gas ran out in 1888.

It was the discovery of oil in Pennsylvania that started the modern development in pipelines. After Edwin L. Drake brought in the first oil well near Titusville, Pa., in 1859, oil pioneers faced the problem of getting the oil to market.

Originally, teamsters hauled the oil to railroad terminals. But their high prices led to a search for new methods. Early pipeline—laying efforts failed due to leaks and because teamsters, fearing competition, ripped the lines out of the ground.

In 1865, however, Sam Van Syckel succeeded in laying a line, 2 inches in diameter, to carry oil five miles from Miller's Farm, Pa., to a rail terminal at Pithole City. The cost of hauling oil was cut from $3.50 a barrel to $1, and an industry was born.

Probably the best-known of the world's pipelines was the Big Inch—actually 24 inches in diameter—built during World War II to carry crude oil from Texas to the East Coast. Just as significant were the Little Big Inch, which carried petroleum products from Texas to New Jersey, and PLUTO, a secret line that carried fuel under the English Channel from England to Allied forces on the continent.

Grander Scale

Modern pipelines are bigger, as much as 50 inches in diameter, and longer than most older lines. The planned Alaska natural gas line, temporarily postponed, would stretch nearly 5,000 miles, and the Soviet's Druzhba line, carrying petroleum products to other Eastern European nations, runs nearly 3,300 miles.

Almost all pipelines are unseen, their rights of way replanted after the pipe is laid in the ground. A notable exception is the trans-Alaska oil pipeline, much of it built above ground to keep the permafrost from thawing. The ultimate in unseen pipelines are under water, such as those that carry oil to land from the bottom of the North Sea and the Gulf of Mexico.

The United States has more than 160,000 miles of crude oil gathering and transmission lines, almost 75,000 miles of petroleum products lines, 83,200 miles of natural gas field and gathering lines, and 267,000 miles of gas transmission lines. Nearly half of the oil products carried in domestic transportation traveled through pipelines in 1980, bringing in $6.4 billion in revenues against capital investment of $19.8 billion.

A pig in a poke is a bad deal, but a pig in a pipeline is a necessity. These workmen prepare to roll a 1,500-pound urethan "pig" down a piece of 42-inch pipe to scour out liquids and sediment and keep the line — in this case a natural gas line — clean so that the end product is as pure as possible.

Pipeline advocates cite the advantages of safety, economies of scale, efficiency, and the infrequency of environmental damage as the reasons pipelines are so widely used. But the environmental benefits have been challenged in the case of one of the potential uses of pipelines: hauling coal.

Coal and Water Mix

Coal slurry pipelines, which transport coal by pulverizing it and mixing it with water, have proven successful. A 108-mile line operated in Ohio from 1957 to 1963 until coal-hauling railroads cut their rates and drove it out of business, and a 273-mile line now functions between a northern Arizona coal mine and Nevada.

(Turn to Page B16)

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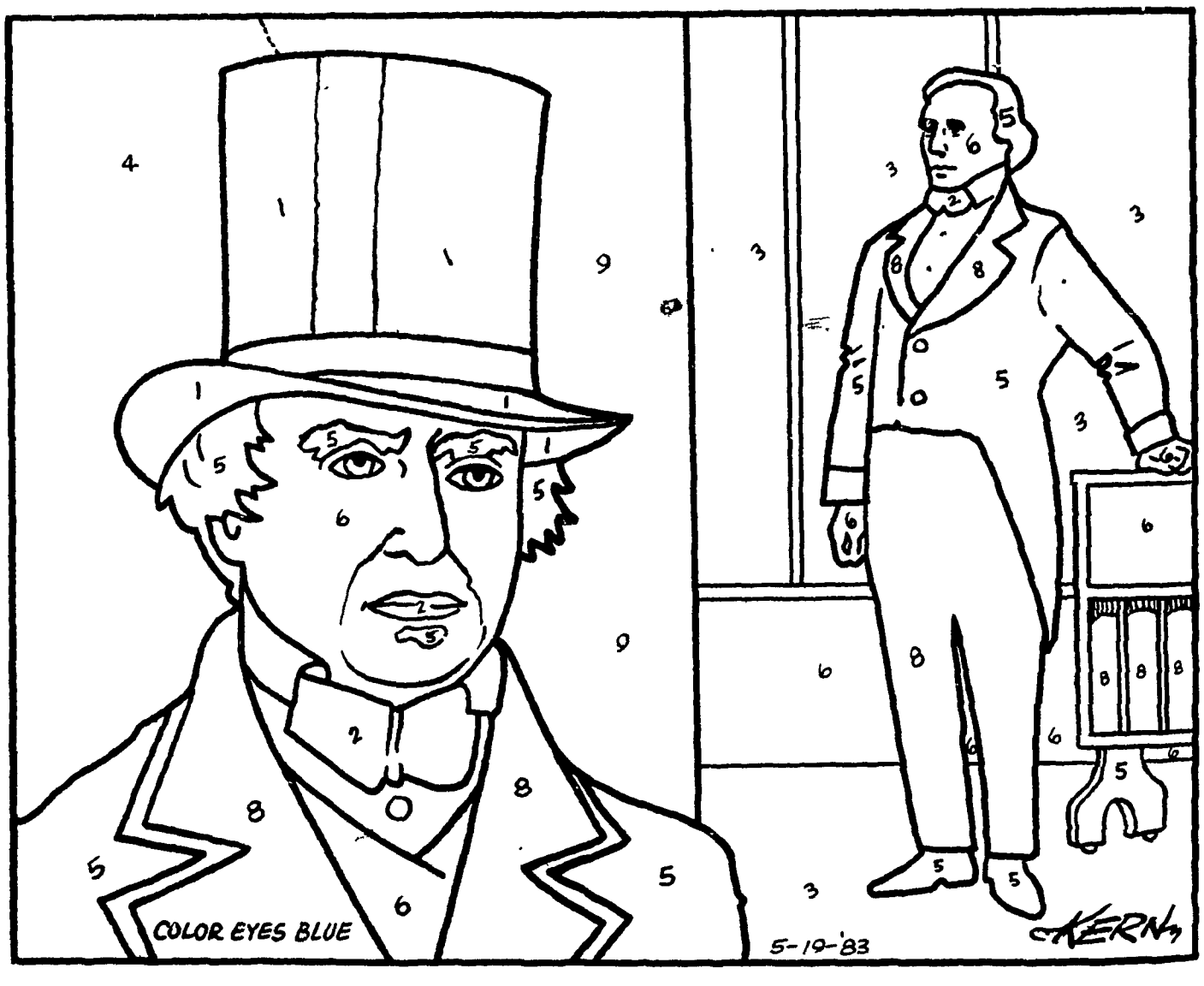

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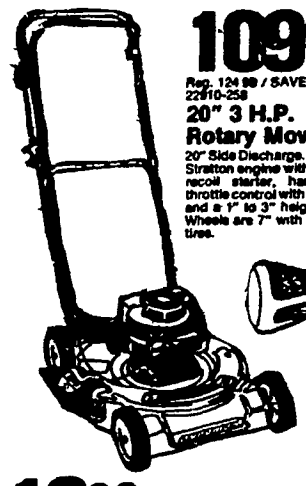

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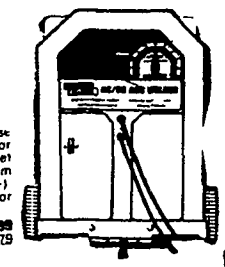

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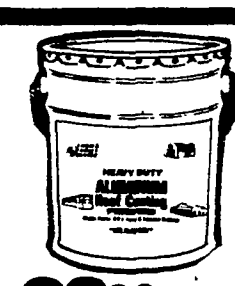

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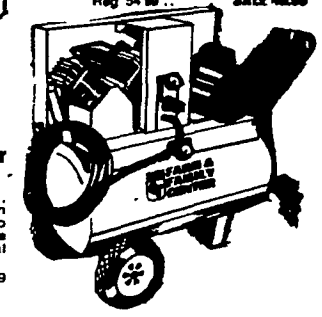

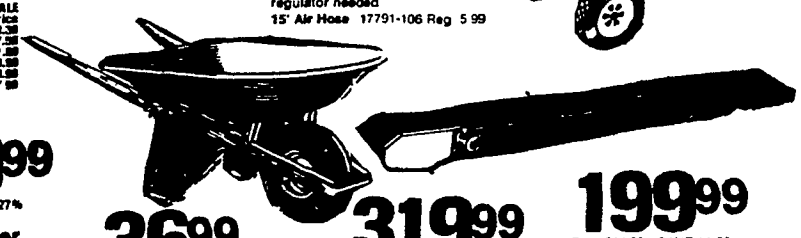

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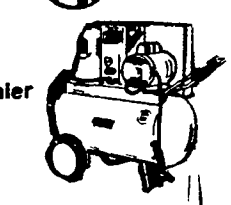

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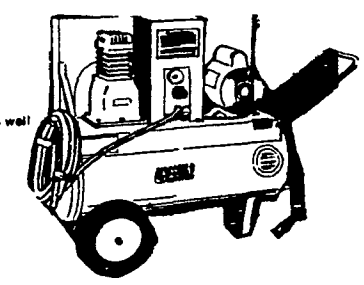

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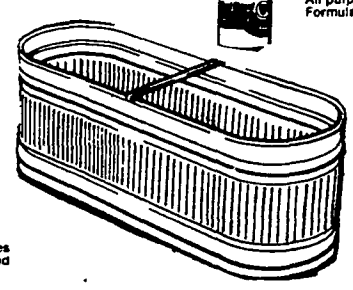

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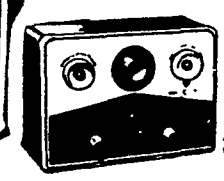

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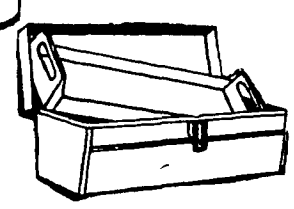

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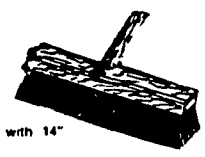

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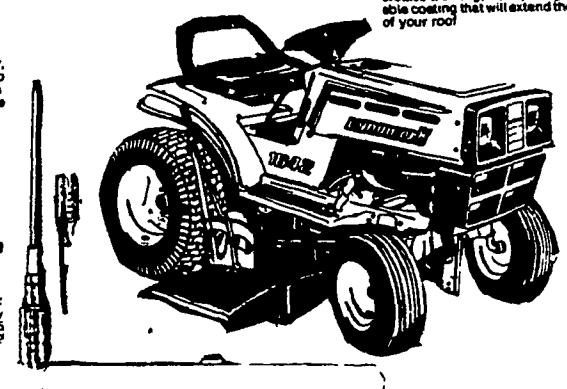

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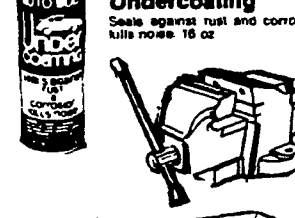

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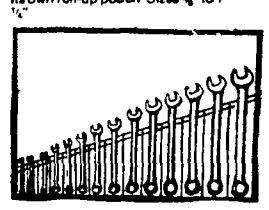

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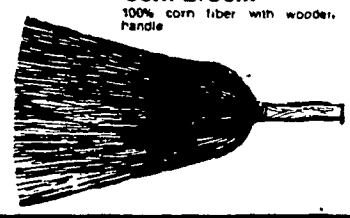

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Mexican-inspired recipe tops Pa. Beef Cook-off

BY DEBBIE KOONTZ

SHIREMANSTOWN — Beef wasn't all the judges were tasting at the Pennsylvania Beef Cook-off, Monday, when they gathered here at the Trinity High School for the annual cooking event.

They also got a taste of Mexico — glimpses of hot spices generously poured into native favorites such as tacos, tortillas and chili; visions of desert and sun and lounging under large straw sombreros to keep cool; and wafts of spicy scents permeating from Mexican restaurants — all because they sampled Mrs. William Minor's recipe Mexican Delight and promptly awarded her first prize.

The dish, actually a transplant from California where Mrs. Minor says she received it from her sister, is composed of such favorite Mexican ingredients as chili powder, cumin seeds, garlic, tomato paste and tomato sauce, olives, onions and avocados.

The winner, like the dish, is somewhat of a transplant having been born and reared in California. After meeting her future husband who was stationed in California with the service, she moved to his hometown in Waynesburg, Greene County. Mrs. Minor says of her home, "I love the beauty of Pennsylvania with its hills, green fields and lush valleys, but also miss being so far away from my four brothers and one sister, living in California.

Mrs. Minor says her interests have been varied over the years, but have always included cooking. She has made the winning dish several times for her family ever since bringing the recipe to Pennsylvania.

Today, the Minors are horse breeders and saddle horse trainers living on a horse farm in R2 Prosperity. They have shown and attended the Pa. National Horse Show at Harrisburg for many years.

Having entered no cooking contests before this date, Mrs. Minor was naturally surpised when she won the award. But her sister-in-law, Jane Adams, who drove the four hours with Mrs. Minor, was even more overwhelmed because she "had told her I wouldn't go to all the bother. I said that's too far to travel for a cooking contest," she jokes. "I'm sure eating my words."

Now $125 richer for her efforts, Mrs. Minor will have opportunity to participate in the national cook-off to compete with contestants from across the United States.

Second place prize of $75 went to Sandra Nocivelli of R2 Apollo.

Mrs. Minor, winner of this year's annual Pa. Beef Cook-off poses with Sheila Fairbairne, the Pa. state cattlemen's Queen.

Her dish, a beef and broccoli loaf, requires such favorites as Parmesan cheese, herb seasoned stuffing mix and, of course, beef and broccoli!

Mrs. Nocivelli says she first started entering cooking contests in April, 1981, when her local newspaper sponsored a cookbook contest. Her stuffed Italian Meatloaf won second place in the main dish category.

"In the same contest in 1982, I entered a salmon-broccoli casserole and was a semi-finalist. My biggest step was entering the 1982 beef cook-off with my Stuffed Italian Meatloaf," she remembers. "Being a semi-finalist in that beef cook-off was one of the most exciting times of my life. From that point on I began entering as many cooking contests as I possibly could."

Mrs. Nocivelli says she enjoys creating new recipes and trying them out on family and friends. Also, she and her husband enjoy breeding collies for show and usually have one or two litters a year.

Shirley DeSantis of R7 Bethlehem also traveled out of state for her winning recipe — Beef Pita Pockets, Greek-Style. In fact, she went the whole way to Greece where she lived with her family for eight years.

"I developed this recipe trying to get some of the flavors I wanted but to eliminate much of the last minute preparation," she explains.

Mrs. DeSantis participated in the 1976 Pa. Beef Cook-off and went on to win nationally.

"Cooking and recipe contests are my number one hobby. I have competed in cook-offs in Georgia, Utah, Louisiana, Hawaii, Maryland, and Mississippi, plus several here in Pennsylvania, she says. "To me, the best part of these contests has to be the wonderful friends one makes, good times and seeing new places, and coming up with recipes that become favorites of my family and friends. Naturally winning cash and prizes is terrific — but it is just the frosting on the cake!"

Fourth prize perplexed the judges, so they awarded it to two cooks — Anna Udicious of Coplay and Deborah Yandric of Middletown.

Mrs. Udicious, who describes her husband as her best cooking critic, created the delectable Stuffed Meatballs to win her half of fourth prize.

Mrs. Yandric, creater of Bountiful Beef Crust says the recipe was "a real challenge to my quiche-making imagination. It is easy and fun to make — and I hope fun to eat!"

The top winning five recipes are included here for your enjoyment.

Mrs. William Minor of R2 Prosperity busily prepares her winning Mexican Delight. The delectable recipe includes such favorites as oregano, tomato paste, tomato sauce, accent, chili powder and cumin seeds.

MEXICAN DELIGHT

Step I:
2 lb. ground beef
2 sm. onions, cut
2 6-oz. cans tomato paste
2 8-oz. cans tomato sauce
4 tomato paste cans of water
4 T. brown sugar
1 c. minute rice
1/2 c. water
2 t. accent
2 t. flaked oregano
2 t. chili powder
2 t. whole cumin seeds
2 t. salt
2 shakes of garlic powder

Brown together the ground beef and onions. Skim off grease. Add the tomato paste, tomato sauce, 4 cans of water, sugar, accent, flaked oregao, chili powder, cumin seeds, salt and garlic powder. Simmer this mixture slowly for 40 minutes stirring frequently. Then add the minute rice, water and simmer for 10 more minutes.

Step II:

Now arrange in separate bowls the following:
1 13.5-oz can corn chips
1 lg. head lettuce, chopped

(Turn to Page B17)

See your nearest

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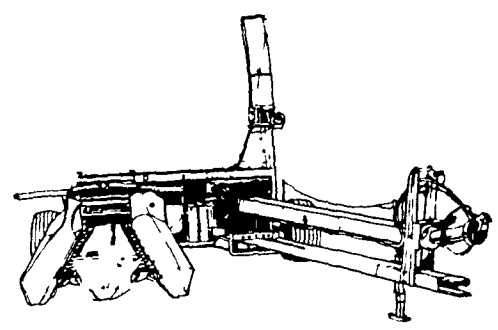
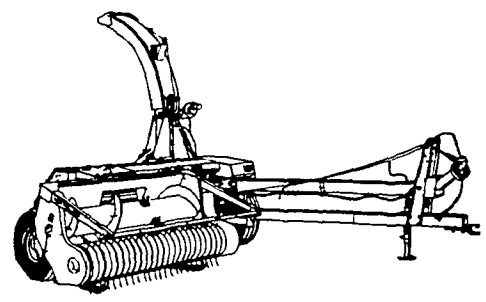


The Model 892 is the biggest capacity pull-type forage harvester offered by Sperry New Holland Built for big tractor horsepower, the "892" can be used with tractors up to 175 horsepower

The optional METALERT™ electronic metal dectector — a Sperry New Holland exclusive — reduces harvester damage and can cut down on hardware disease The "892" is available with 12-knife or 8-knife cutterhead Exclusive underbeveled knives never need rebeveling and make knife sharpening fast and easy Flip-up feedroll makes shearbar adjustment easy

There's a big choice of crop heads, including the exclusive interchangeable 3-row crop head/windrow pickup, 2-row low-profile crop head, conventional windrow pickup, sicklebar and ear-corn snapping heads Under-knife baffles increase capacity



The Model 782 is built for heavy-duty performance The 12-knife cutterhead chops uniformly, without a recutter screen But for special crops and conditions, recutter screens are available Check these outstanding features

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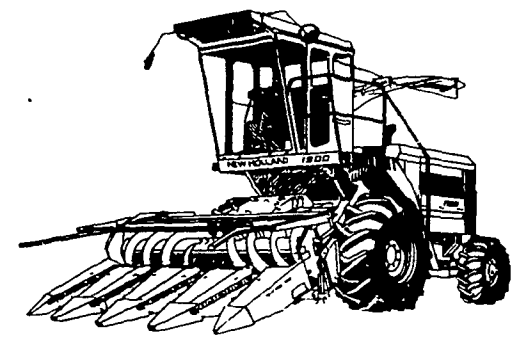
- Flip-up feedroll makes shearbar adjustment easy
- Choice of 540- or 1,000-rpm driveline



The heart of the 250-hp Model 1900 chopper is a massive 12-knife cutterhead that's 25½-inches wide. Exclusive underbeveled knives never need rebeveling And the exclusive Metalert™ electronic metal detector prevents costly damage to the cutterhead by detecting ferrous metal objects and stopping the feedrolls and attachment drive before they reach the cutterhead. Exclusive flip-up feedrolls make shearbar adjustment easy. Exclusive interchangeable cropheads are ideal for the farmer/rancher who chops both windrowed crops and row crops Stop in soon and let us show you all the features on both Whopper Choppers — the Model 1900 and the 325-hp turbocharged Model 2100

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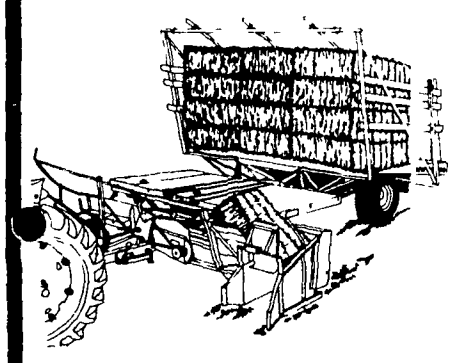

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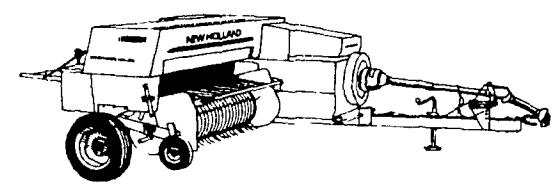
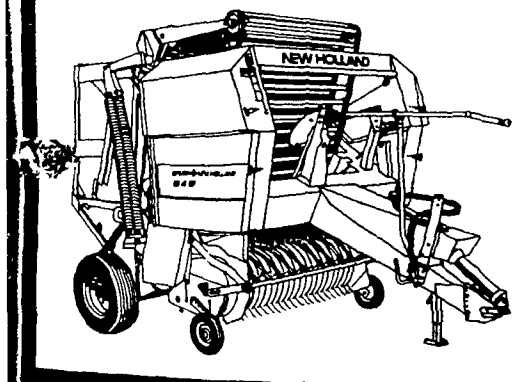
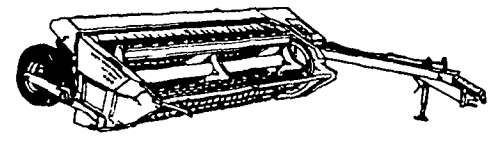


If you're working alone, the economy Model 1003 automatic bale wagon will save you time and labor Bales need never be picked up by hand when you own a bale wagon that does it all — picks up, hauls, stacks and retrieves automatically, while you sit in the driver's seat The "1003" handles 83 14" x 18" bales per load Stop by and let us show you all the features of this labor saver

It's the Model 316 from the baler leader Sperry New Holland The 316 is built with extra rugged features to handle tough crops It's designed to work hard and provide many years of dependable service



If you want to make a lot of good looking bales in record time, check out the Model 849 from the round baler leader Sperry New Holland The "849" turns out solid 4-3/4' × 5' bales that weigh up to 1200 pounds And, to make your job easier, there's a host of options that add comfort and convenience to a round baling system Let's talk about the "849" and how you can bring capacity, bale shape and automation to your round baling job



Full-width conditioning rolls in the Model 489 Haybine® mower-conditioner are located in the main frame, not the header The lighter header responds quicker to ground contours and greatly reduces knife and guard damage The "489" is designed for operators who demand the very best.

Boni Gochenaur wears Lancaster Co. dairy crown

LANCASTER — Seventeen-year-old Boni Gochenaur, daughter of Mr. and Mrs. Robert Gochenaur of 419 Penn Grant Road, was named the 1983-84 Lancaster County Dairy Princess during ceremonies Saturday night at the Farm and Home Center.

The coveted title of Miss Congeniality as well as that of First Alternate went to Patti Sue Hershey, daughter of Mr. and Mrs. Donald Hershey of R6 Manheim. Miss Hershey is a senior at Manheim Central High School and attends Mount Joy Vo-Tech.

Second Alternative honors went to Sharilynn Beiler, 17, of Gordonville. Miss Beiler is the daughter of Mr. and Mrs. Melvin Beiler. She recently graduated from the Lancaster Mennonite High School, and plans a career in the secretarial field.

The new princess was chosen from a bevy of five contestants, also including Colleen Spahr, daughter of Mr. and Mrs. Wayne Spahr, Holtwood; and Susan Hess, daughter of Mr. and Mrs. James Hess, Quarryville.

Miss Gochenaur plans to study nursing at Lancaster General Hospital School of Nursing following graduation from Lancaster Mennonite High School. She plays the flute in the school orchestra and sings in the school's touring chorus. She also is treasurer of her church's youth group, and serves on its social committee.

Outgoing county princess, LuAnn Brenneman, told the audience, "My whole year has been a highlight...it's difficult to think of one or two things that stand out."

In keeping with the recent advertising campaign 'Milk, it's fitness you can drink,' the entire auditorium was filled with athletic and weight-lifting equipment, including a throne composed of a weight-lifting bench and exercise bikes, tennis raquets and centerpieces of tennis balls and a frisbee.

Judges for the annual event were John Kimbark from Pennsylvania Farmer; Esther Bare, dairy farmer and farmwife; and Joe Hartle, dairy farmer.

Among the gifts going to the new princess are a partial wardrobe, donated by Bernard Morrissey; financial donations by the Dairy Association; an arm bouquet by the Neffsville Flower Shoppe; and luggage by Lancaster Farming.

The first alternate also received a partial wardrobe by Sperry New Holland and the second alternative, by Agway, W. Martin and M. Stoltzfus.

Miss Gochenaur will now compete for the title of state princess this September in Harrisburg.

Hugs and Kisses — as much a part of winning a crown as happiness is. Here, the new Lancaster County Dairy Princess, Boni Gochenaur gets a warm hug as, left, First Alternate Patti Sue Hershey - also named Miss Congeniality - and Second Alternate Sharilynn Beiler, right, wait for their turn.

The pretty new princess stands for pictures seconds after donning her crown and banner. She is the 17-year-old daughter of Mr. and Mrs. Robert Gochenaur of 419 Penn Grant Road, Lancaster.

Mort to represent 4 dairy counties

LEWISBURG — Janell Mort was named 1983 SUN Area Dairy Princess at the Susquehanna Valley Mall on Saturday evening, June 18.

Janell is the 16-year-old daughter of Mr. and Mrs. Robert Bechtel from R#1, Klingerstown.

Janell was crowned before a capacity crowd in Boscov's Auditorium, by the 1982 Dairy Princess, Annette Shirey, daughter of Mr. and Mrs. John Shirey, R#1, Beavertown. Colleen Epler, daughter of Mr. and Mrs. John Epler, R#1, Northumberland, was named alternate princess. Wanda Barner, daughter of Mr. and Mrs. Kenneth Barner, R#1, Port Trevorton, was chosen "Miss Congeniality."

The Dairy Princess Contest climaxes a full week of promotional activities which featured the theme of "Milk-Fitness You Can Drink." Special activities featured on Saturday were the serving of milk punch and cheese, a petting of calves display, ice cream eating contest and a fitness contest. Several thousand individuals viewed the various dairy industry displays featured at the Susquehanna Valley Mall during "Dairy Week", June 13-18.

Miss Mort will represent the counties of Snyder, Union, Northumberland, and Montour, in the state pageant to be held in Harrisburg in September.

Messinger is Adams Co. Princess

BIGLERVILLE — Faye Messinger, daughter of Wilber and Janet Messinger of Littlestown, was crowned Adams County Dairy Princess last Saturday night, here.

Also named was First Alternate Maria Pennings, 16-year-old daughter of Mr. and Mrs. Henricus Pennings of New Oxford.

Miss Messinger was crowned by last year's princess Jennifer Behney who told the audience "Although my reign is ending tonight, you will never lose me as a dairy promoter."

The new princess attended Littlestown High School and was active as a drum major, cheerleader and captain of the flagline. She is also a 4-H member. Her future plans include attending barber school.

Miss Pennings will be a senior at Delone Catholic High School this fall and has been active in 4-H, varsity volleyball, taught summer school and has been a peer counselor.

Judges for the 16th annual dairy contest were Robert Eckstine, dairy farmer and chairman of the Franklin Co. Dairy Princess Pageant; Joe Weir, district sales manager for Carnation Genetics; and Joyce Graybill, former director of the Pa. Dairy Promotion Board.

Other contestants for the Adams Co. crown include Carol Hobaugh, daughter of Bruce and Jean Reever of Hanover, and Eva Mehring, daughter of Oscar and Joyce Mehring, Jr. of Gettysburg.

Faye Messinger, center, was named Adams Co. Dairy Princess at Saturday night's ceremony in Biglerville. With her is First Alternate Maria Pennings of New Oxford, left, and last year's princess Jennifer Behney, right. The new princess is the daughter of Wilbert and Janet Messinger of Littlestown. Photo courtesy of The Gettysburg Times.

Janell Mort, 16-year-old daughter of Mr. and Mrs. Robert Bechtel of R1 Klingerstown, was named the SUN area dairy princess recently. With her is Colleen Epler, daughter of Mr. and Mrs. John Epler of R1 Northumberland.

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Task force to put ag in classroom

HARRISBURG — A statewide task force has been tapped by state agriculture and education officials to develop a K-12 curriculum on agriculture for Pennsylvania's public schools.

State Agriculture Secretary Penrose Hallowell and State Education Secretary Robert Wilburn met on June 2 with this blue ribbon panel during its first meeting in Harrisburg.

"The Agriculture in the Classroom project is a good way to instill in our youth an appreciation of the sources of foods and fibers, and an awareness of agriculture's role in strengthening our state economy," Wilburn said.

"Pennsylvania has joined a growing list of states — 18 thus far — which have adopted Ag in the Classroom as a priority project," Wilburn said.

Hallowell noted that the project is actively supported by the U.S. Department of Agriculture, and that USDA Secretary John Block has targetted Ag in the Classroom as a USDA priority for the next two years.

"Ag in the Classroom will also reinforce many of the priorities of the Thornburgh administration," Hallowell said, "including the local purchase of farm and food products, and the development of agriculture as important to the future economy of the state.

The task force will meet several times over the coming year, with a goal of implementing the curriculum guide by fall of 1984. The task force has established priority areas to be covered in the curriculum plan. Specific areas will be designed to give students an awareness of modern agriculture and its contributions to Pennsylvania's economy, culture and quality of life.

Under the program, curriculum on agriculture in the classroom will be designed for all students, not simply those enrolled in vocational agriculture programs. The curriculum will be organized at all grade levels, from basic concepts to more complex projects and issues.

Governor Dick Thornburgh directed the two state agencies to form the task force last summer. In August 1982, Pennsylvania hosted an 11-state workshop on Ag in the Classroom, where more than 70 representatives of the education and agriculture communities suggested pursuing the concept. Staff of the Agriculture and Education Departments have been monitoring progress in other states since that time.

Oil, garbage and milk

(Continued from Page B10)

Several long-distance slurry lines have been proposed, including one that would carry coal 1,300 miles from Wyoming to Gulf of Mexico ports. The builders of the line have contracted with the state of South Dakota to buy 16 billion gallons of Missouri River water a year for the next 50 years, water that would, of course, be delivered by pipeline.

But all the slurry lines have been delayed by opposition from railroads, unions, and those worried about the use of scarce water to make the slurry mixture.

Meanwhile, pipelines continue to be put to bizarre uses. They are transporting beer from a Dublin brewery to a distribution point, Swiss milk from upland pastures to towns—and garbage out of Moscow and Leningrad.

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Pa. Beef Cook-off

(Continued from Page B12)

ground beef mixture as prepared in Step I
3 med. avocados, chopped
1/2 dz. green onions, chopped
1 lg. can pitted black olives, cut
3 lg. tomatoes, cut
3/4 lb. sharp cheese, grated
1 pt. ranch dressing

These are arranged buffet style. Each person takes in order out of the bowls, then tops with the dressing. This takes around 1 hour, 15 minutes to 1 hour, 30 minutes to prepare, as food for the bowls can be prepared as the ground beef mixture is cooking. This amount will serve from eight to ten. It is a meal all in one and is easy to prepare.

Mrs. William Minor, Prosperity

BEEF AND BROCCOLI LOAF

2 1/2 lb. ground beef
1 10-oz. box of frozen chopped broccoli
1 c. herb seasoned stuffing mix
3 eggs, beaten
1 large onion, chopped fine
1/2 c. melted butter
1/2 c. Parmesan cheese, grated
1/2 c. fresh parsley, chopped
1/4 t. garlic powder
1/4 t. thyme
1/2 t. black pepper
1 t. salt

Prepare broccoli according to package directions, drain well. Mix together, thoroughly, ground beef, broccoli, stuffing mix, eggs, onion, butter, Parmesan cheese, parsley, garlic powder, thyme, black pepper, and salt. Form into meatloaf, place in a large baking pan, bake in preheated oven 350 degrees for 1 1/2 hours.

Sandra Nocivelli, Apollo

BEEF PITA POCKETS GREEK-STYLE

2 lb. boneless chuck, cut 1/2" thick
2 med. onions
1 green and 1 red pepper
1/2 lb. fresh mushrooms
1/3 c. red wine vinegar
4 T. oil
2 cloves garlic, minced
1 t. salt
1/2 t. each basil, cumin, oregano and black pepper
8 pita pocket breads
sauce, below
3 tomatoes, chopped
1 7-oz. jar roasted peppers, drained, chopped
1/4 c. fresh parsley, chopped

Partially freeze beef for easier cutting. Cut in very thin strips and place in a large deep bowl. Peel onion; chop and add to beef. Stem and seed peppers; chop and add to beef. Clean mushrooms; chop and add to beef. In blender or screw-top jar, combine vinegar, oil, garlic, salt, basil, cumin, oregano, and black pepper until well blended. Pour over beef/vegetable mixture. Toss lightly to coat with marinade. Cover and refrigerate overnight, stirring once or twice.

While beef is marinating, prepare Sauce, below. Before cooking beef, have all accompanying ingredients ready: Heat pita in 325 degree oven about 10 minutes; cut in half and place in napkin-lined basket. In each of 3 bowls, place tomatoes, roasted peppers and parsley. Remove sauce from refrigerator.

Heat a large skillet over medium/high heat; it is not necessary to use oil if non-stick surface. Drain marinade form beef/vegetable mixture. I like to cook the mixture in 2 to 3 batches as each batch only takes 2 to 4 minutes. Add about one-third beef mixture to heated skillet and cook, stirring often until beef is done and vegetables tender-crisp. Remove to serving bowl and keep warm. Repeat with remaining beef/vegetable mixture until all is cooked.

To serve: Each person spoons some of beef/vegetable mixture into half round of pita, topping with sauce, tomatoes, peppers and parsley. This is also very good served over rice or pilaf with the same sauce and toppings.

Sauce: 2 c. plain yogurt: 1 cucumber, peeled, large seeds removed, grated; 1 clove garlic, minced; 1/2 t. salt; 1/2 t. parsley, chopped. Stir all ingredients together; cover and refrigerate.

Shirley DeSantis, Bethlehem

STUFFED MEATBALLS

2 c. toasted bread cubes
2 T. minced parsley
1/2 t. salt
dash of pepper
1/4 c. warm milk
2 lb. ground beef
2 cans cream of mushroom soup, undiluted and divided
1 beaten egg
1/4 c. chopped onion
1/2 c. milk

Combine 1 1/2 c. bread cubes, parsley, salt pepper and milk; stir well and set aside.

Combine beef, 1/2 c. soup, egg, onion, and remaining 1/2 c. bread cubes. Divide into eight portions and roll each between waxed paper to about 1/2 inch thickness. Divide reserved bread cube mix into eight portions and wrap meat around each portion to a smooth ball. Place into a lightly greased baking dish and bake at 350 degrees for 30 to 45 minutes or until done.

Farm Women Societies

Lancaster Co. Society 2

Lancaster Farm Women 2 met recently at the home of Ada Almodovar in Manheim who presented a demonstration of Shaklee products.

Members responded to roll call by naming their favorite television show.

Members voted to donate money to the Easter Seals Society. Financial awards also were presented to Wanda Hershey for FHA and Ed Hershey for FFA.

Lancaster Society 3

Lancaster Farm Women 3 met at the Cloister Restaurant, recently, to see slides of the Pasedena Rose Parade and the Society's bus trip to Norfolk, Va.

Members Allegra Leininger, Gladys Paul and Anna Hoover were appointed to the nominating committee.

The members plan a trip to Ocean City, N.J. on August 6, leaving from the Lincoln Lutheran Church at 6 a.m.

The recipient of the annual scholarship sponsored by Society 3 is Dwight Graybill who will be attending Wesley College in Dover, Del. He will be studying agriculture marketing.

The next meeting will be held on July 17 at the home of the Stauffer's and will feature a picnic.

Lancaster Co. Society 8

Lancaster Society 8 met at the home of Grace Bixler on June 18 to view her collection of glassware.

Several selections from her collection were the Moon and Star, 1888; Sawtooth, 1870; Daisy and Button, 1880; Bull's Eye, Thistle, 1870; and Jacob's Ladder and Venetian dishes.

On June 23, the members journeyed to the Quarryville Farm Show Park to be entertained by another Society.

Lancaster Co. Society 14

Lancaster Society 14 met on Wednesday, June 8 at the Farm and Home Center to entertain county officers and Society 7 guests.

Entertainment for the afternoon included two chalk drawings done by Elwood Mehle, from Allentown and formerly from Leola.

Husbands and friends are invited to the next meeting. Members are reminded to bring a hot or cold covered dish to the Tinney Pavilion on July 13 at 6:30 p.m. Ann Diller will show pictures of Alaska.

Lancaster Co. Society 18

Lancaster Society 18 met at the home of Mrs. Ralph Martin in East Petersburg for a musical program by Dorothy Seitz.

The members voted to donate $150 to the Shelter for Abused Women and Children.

Members answered roll call by telling of the July 4 holiday plans.

(Turn to Page B24)

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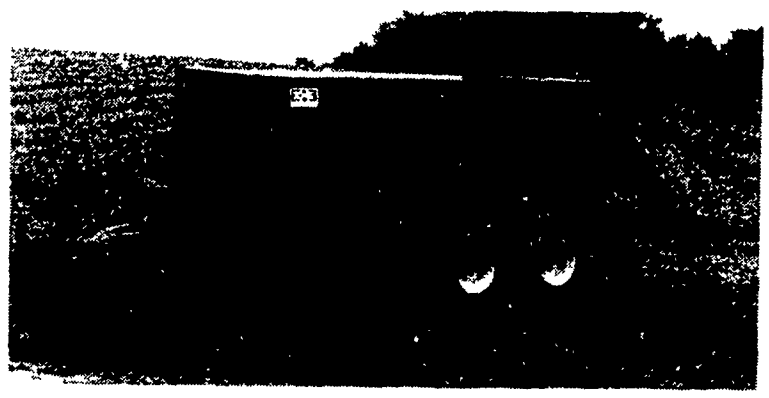
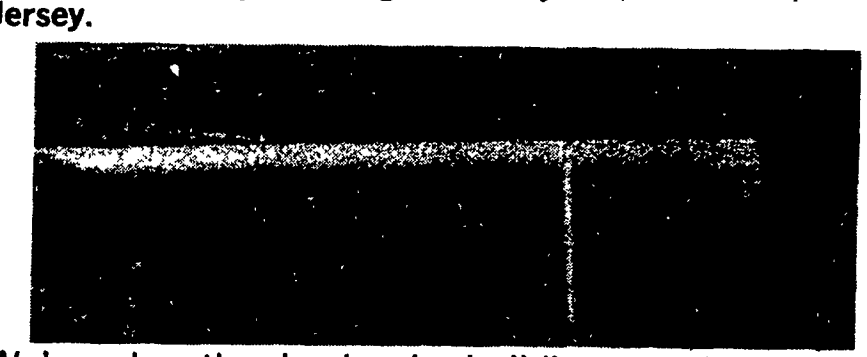


Waiver of Interest offer good June 15th thru Oct. 31, 1983 and is available only to customers in the states of Penna., Ohio, West Virginia, Virginia, Maryland, Delaware, New Jersey.



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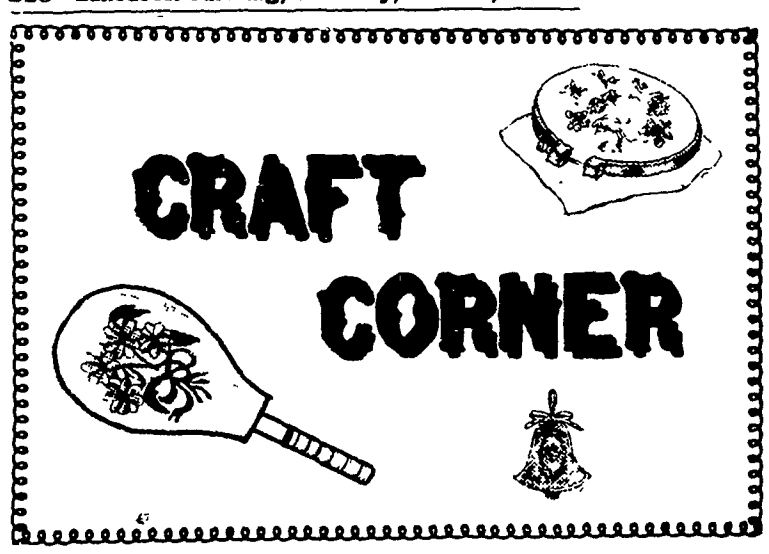


Smocking for a good cause

Bazaars present special problems for crafters. Projects must be appealing, but also fast, fun and inexpensive to make.

The smocked apron pictured here is one suggestion from "Woman's Day Bazaar Best Sellers," published by Sedgewood Press. The book attempts to define bazaar best-sellers, and in doing so, presents the apron as one of 176 colorful, appealing projects that also include granny-square slippers, water-melon-shaped pot holders, bunny baby booties and a Christmas wreath of hearts.

The success of a bazaar, according to Woman's Day editors, depends primarily on the quantity and quality of goods for sale. "To sell at a bazaar, your 'merchandise' has to sparkle with sales appeal, and be tagged at the right price to reap profits," says the book.

The book's rules for success are simple. In order to sell, all products must be superior to similar merchandise in a store, easily recognizable, simple to make and, if possible, suited to group work.

Even if you have no bazaars coming up, the book's projects are fun to make for yourself, family and friends. The apron shown here is also a good way to learn smocking.

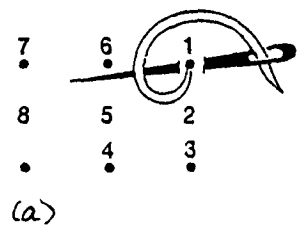
Here are directions for the 19-inch long smocked apron:

MATERIALS: One yard 45-inch-width cotton or cotton-blend fabric; contrasting color pearl cotton size 5; large-eye crewel needle.

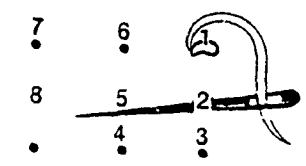
APRON: 1. For apron, cut fabric 23-by-31-inches wide. 2. For ties, cut two 4-by-22-inch strips. 3. Make 1¼-inch hem at lower edge of apron.

SMOCKING: Starting 1 inch below upper edge, mark four rows of dots, ½-inch apart on right side of apron.

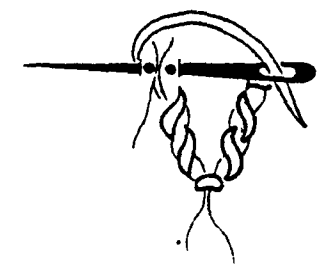
ROW ONE: 1. Starting at upper right side of apron, stitch through the first dot, then stitch over first dot (a). 2. Take a stitch halfway between fist dot and the dot below it (b). 3. Stitch through dot below (No. 3) and the one beside it (No. 4), pulling the dots together. Then stitch over dots. 4. Take a stitch halfway between last stitch and the dot above it. 5. Stitch through dot above (No. 6) and dot beside it (No. 7), pulling dots together (c). Then stitch over dots. 6. Using the same techniques, stitch across pattern.



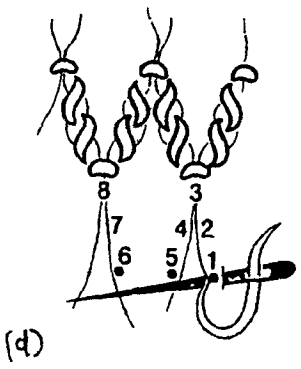
(a)



(b)


(c)

ROW TWO: 1. Stitch through dot at right-hand side of next row. Then stitch over dot (d). 2. Take a stitch halfway between first dot and dot above it. 3. Stitch just below last stitch of top row (No. 3).



(d)

4. Take a stitch halfway between last stitch and dot below it. 5. Stitch through dot below (No. 5), and the one beside it (No. 6), pulling the dots together. 6. Using the same techniques, stitch across pattern.

ROW THREE: 1. Start at right-hand side of next row. 2. Work stitches following instructions for Row One.

FINISHING: 1. Fold each tie strip in half lengthwise, wrong side outside. 2. Stitch raw edges and one end. 3. Turn right side out. 4. Turn in remaining raw ends. Topstitch to sides of apron at ends of smocking.

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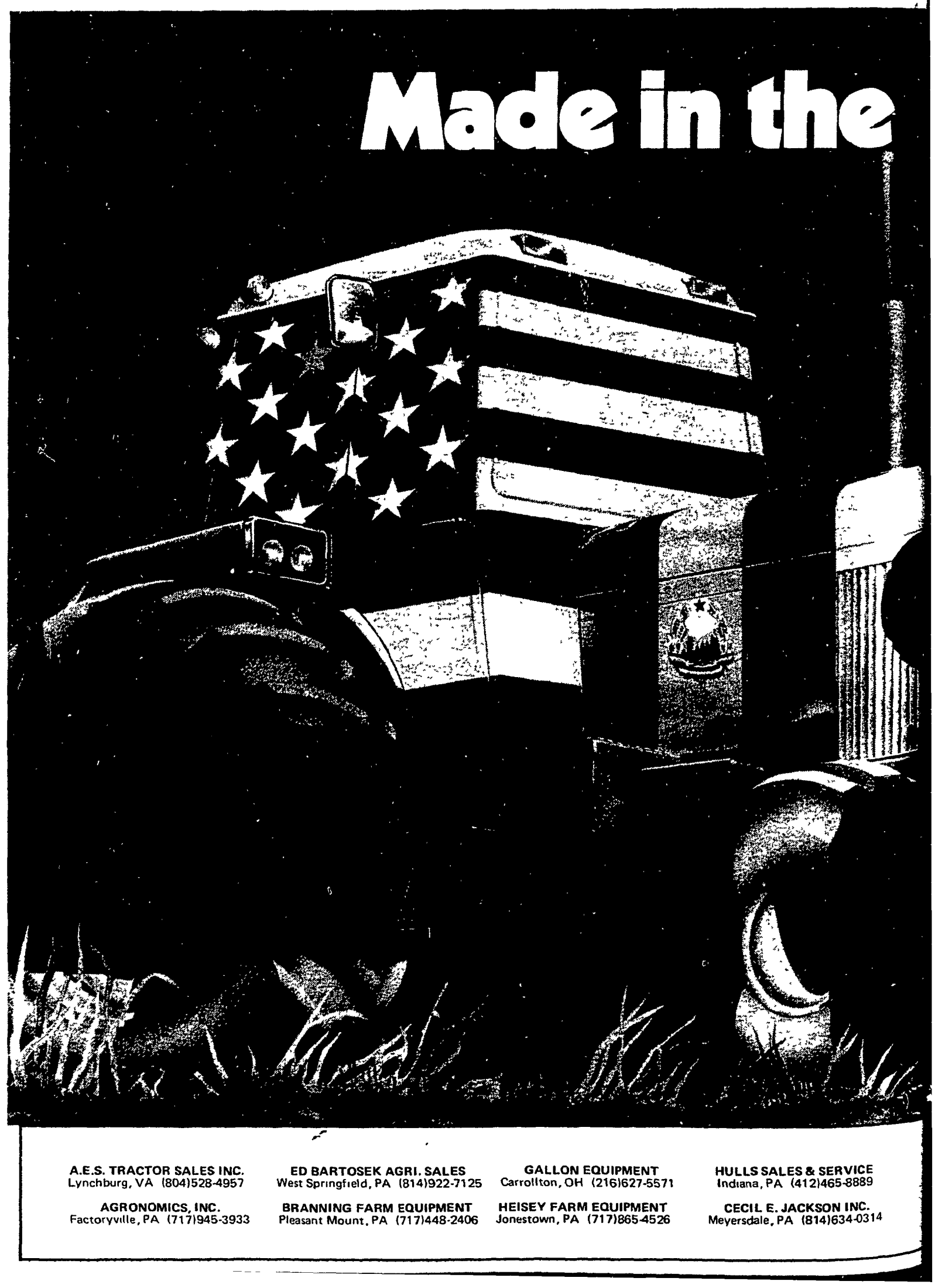

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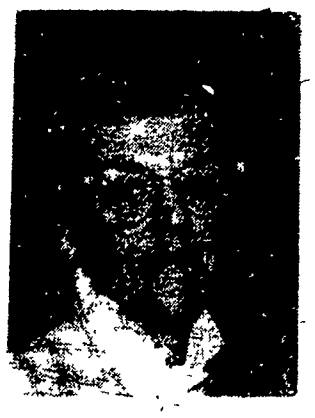

Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

CAN YOUR OWN APPLE PIE FILLING

You're up to your eyes in pies. You've made enough applesauce to last you for years. But you still have apples left over that you don't know what to do with. Can them as apple pie filling for fresh pies later in the season. To make and can apple pie filling, follow these directions:

4-1/2 cups sugar
1 cup quick-cooking tapioca
1 teaspoon salt (optional)
2 teaspoons ground cinnamon
1/4 teaspoon ground nutmeg
10 cups water
3 tablespoons lemon juice
2-3 drops of yellow or red food coloring (optional)
8-9 pounds of tart apples, peeled, cored and sliced (about 16 cups of sliced apples)

In a large saucepan, blend the first five ingredients well. Stir in 10 cups of water; cook on medium-high heat and stir until thickened and bubbly. Cook an additional two minutes. Add lemon juice, and if desired, food coloring. Add the apples to the sauce. Stir constantly and bring mixture up to a rolling boil, cook one minute at a rolling boil. Keep sauce pan on the burner and ladel mixture into sterile jars leaving a 1/2 inch headspace. Adjust lids. Process in boiling water bath; Pints, 25 minutes; quarts, 25 minutes. Makes 6-7 quarts.

Before serving, prepare pastry for a two crust, 8 or 9-inch pie. Line pie plate with pastry; add 1 quart of apple pie filling. Adjust top crust, cutting slits for escape of steam. Seal. Bake at 400 degrees for 50 minutes or until crust is nicely browned.

NOTE: When you go to open a jar of the filling, you may observe some separation of tapioca, but the filling is okay. Just stir the tapioca back in and proceed.

SELECTING THE RIGHT FREEZER PAYS OFF

Home freezing is simple and safe. It also results in better quality foods and preserves more nutrients than other home preservation methods.

But there's a catch. Freezers are expensive to buy, and you have to consider energy costs, depreciation, and the cost of packaging materials — about 8 cents per package is a good rough estimate.

While a freezer won't help plug that hole in the food budget, it can mean time and labor savings for today's busy families. Managed properly, a freezer can help you cut down on shopping trips and thus save gasoline.

Freezing means you have a quick and simple way to preserve home grown produce.

A freezer means you can take advantage of specials and buy in bulk, which sometimes, but not always saves money.

Many people enjoy being able to cook in quantity when they have the time and freeze portions for those days when they don't.

If you feel that convenience outweights the costs, your next decision is which freezer to buy.

Size should be your first consideration. Figure on 5-10 cubic feet of freezer space per family member if you plan to depend on the freezer for most of your food supply. Three cubic feet per person should do if the freezer will supplement fresh and canned foods.

Freezers range in capacity from just over 4 cubic feet to 30 cubic feet. Don't forget to include the freezer space available in your refrigerator-freezer in your estimate. The typical 17-cubic-foot refrigerator freezer has about four cubic feet of freezer space.

Check usable shelf space, if possible. This is important because it's almost always less than the rated shelf space. A 15.8 rated cubic foot freezer may actually measure 13.1 cubic feet.

Most freezers available today require manual defrosting. This only needs to be done once or twice a year, and is worth the effort since manual defrost considerably reduces the operating costs. Frostless freezers use about 70 percent more energy than manual defrost models. Check a manual defrost freezer to see how the defrost water is drained off before you buy.

You will have to choose between a chest type or the upright model. Chest freezers are usually more energy efficient, but they take up a lot of floor space. Foods stored below the top level can be hard to reach, and even hard to find.

Measure the height, width and depth of any freezer you are considering, then measure again with the door open. Can you get the freezer in your house? Would it be a problem to move to another house?

Take a good look at the school bus yellow Energy Guide label on any freezer you are considering. This label tells you how energy efficient a particular freezer is in relation to the least and most efficient freezers of the same size. It also shows you how to estimate the monthly operating costs.

Other factors you should consider when you shop for a freezer includes:

- A signal light to tell you if the current is off or the temperature is too high.
- An adequate interior light
- Noise level
- Warranty and food loss warranty
- Service available

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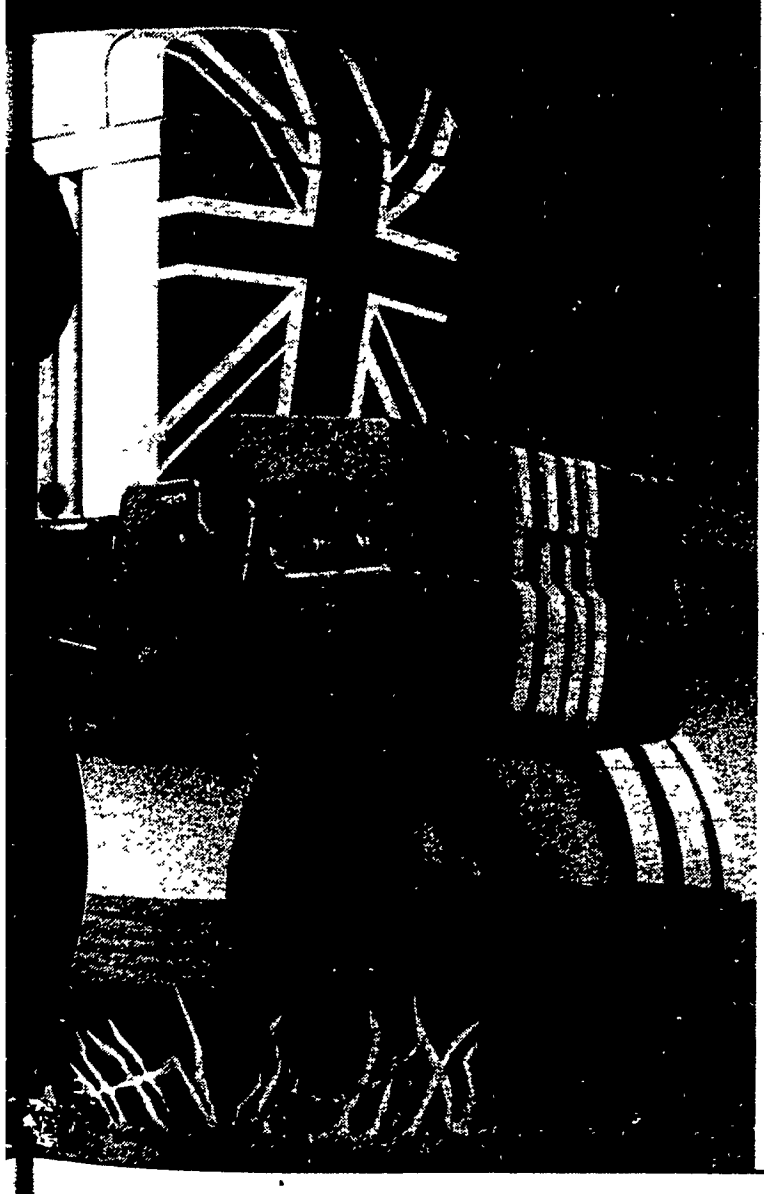

Too many "U.S. Built" tractors have become hybrids, assembled from components produced by unrelated firms in many countries. Suppliers of engines, transmissions, hydraulic systems, or other vital components can be changed from model to model. That can spell t-r-o-u-b-l-e, delay and confusion when replacement parts are needed a year or two down the road (when the buck is passed, it shouldn't be your buck!).

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F.W.S. Calendar

Monday, June 27
Lancaster Society 1 meets for a family picnic at Zinn's Park

Wednesday, June 29
Lancaster Society 24 meets to hear a book review by Pat Reed

Thursday, June 30
Lancaster Society 11 meets for a picnic at Huffnagle Park

Milk

Milk Ageless Food With Natural Appeal

When was milk "discovered"? The historians cannot tell us for sure—just as there is no exact record as to when other dairy foods became part of the human diet. The world's earliest written records—found in the Sanskrit of ancient India—date back nearly 6,000 years, but milk had already become an important food. To the early people of central Asia the cow was so important that wealth was measured in numbers of cattle. Later the cow was worshipped in India, in Babylonia, and in Egypt. There are more than 50 references to cows and milk in the Old Testament.

No doubt about it. REAL

This seal is your assurance of a real dairy food.

Cedar Crest Young Farmers hold banquet

SCHAEFFERSTOWN — The Cedar Crest Young Farmers honored those members who achieved outstanding production records last year at the chapter's annual banquet on Friday, June 17, at the Schaefferstown Fire Hall.

Among the production winners:

Corn Grain

Mark Hitz, 186.8 bushels per acre; and Cyrus Bomberger and Sons, of Meadowwood Farm, 178.5 bu.

Hay Quality

Alfalfa, latter cutting, Frank Reist Jr., of Ferndale Farms; John Krall and Sons, first cutting.

Mixed, John Krall and Sons; Hershey Bare.

Silage Quality

Corn, Dick Bomberger; Heisey Bros.

Hay, Heisey Bros; Clarence and Clyde Forney, of Candyland Farm.

High Moisture Ear Corn, Gerald Martin; Dick Bomberger.

High Moisture Shelled Corn, Meadowwood Farms; Amos and Scott Balsbaugh.

Dairy Production

High individual Cow for milk production – Glenn and Elvin Gingrich, South Mountain Echo Farm, 27,690 lbs.; Glenn and Steve Wenger, 27,268 lbs.

High individual cow for fat production – Glenn and Steve Wenger, 1,532 lbs.; South Mountain Echo Farm, 1,032 lbs.

Largest herd average increase in milk production in 305 days – Amos and Scott Balsbaugh, 1,891 lbs.; Arthur and Don Krall, 646 lbs.

Last year's Outstanding Young Farmers in the chapter wewre Ron Kelchner, under 30; and Henry Martin, over 30. Martin went on to become the Outstanding Youing Farmer in Region 7.

The Chapter's Honoray Young Farmer award went to Robert Mowrer of the Cornwall-Lebanon School District.

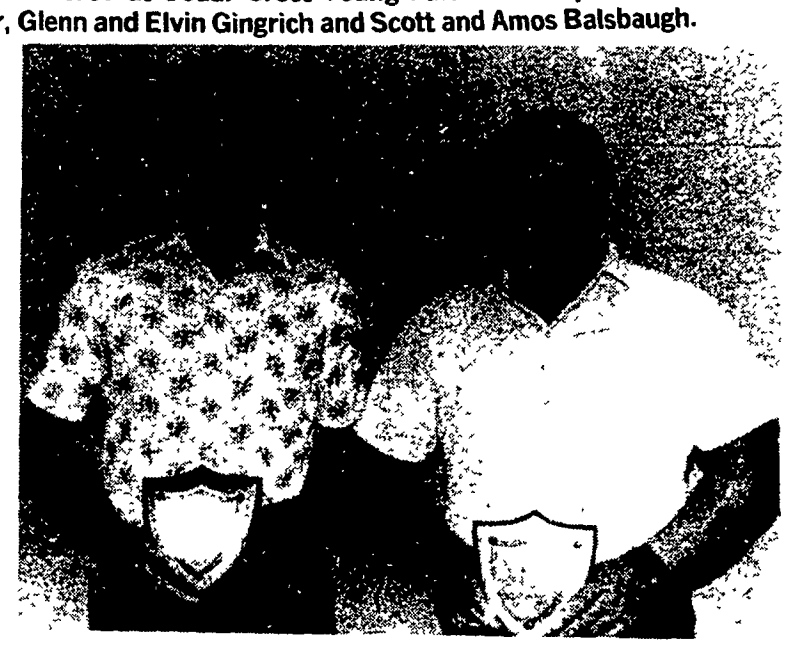
A plaque of appreciation was presented by the chapter to Marlin Kessler, who is retiring as the district's superintendent.

Leroy Geesaman, of the neighboring Northern Lebanon Chapter, presented greetings from the Pennsylvania Young Farmers. Geesaman is state president.

Dave Ludwig brought greetings from the Cedar Crest FFA Chapter and accepted a $150 check to sponsor Ann Lansberry to the National FFA Leadership Conference at Washington.

Also participating in the program were Scott Balsbaugh, chapter president, as emcee; Gordon Hitz, vice president, who introduced guests; Richard Moore, advisor; and Tom Krall, who presented the awards; Steve Wenger, Elvin Gingrich and Don Krall, who handled the door prizes.

Dairy production winners honored at Cedar Crest Young Farmers banquet include, from the left, Glenn Wenger, Glenn and Elvin Gingrich and Scott and Amos Balsbaugh.



Hay and haylage award winners at Cedar Crest YF banquet are Tim Krall, left; and Skip Heisey.

Corn production winners among Cedar Crest Young Farmers are, from the left, Dick Bomberger, Mark Hitz, Gerald Martin and David Bomberger.

Outstanding Cedar Crest Young Farmers for 1982 include Henry Martin, left, over 30; and Ron Kelchner, under 30.

Gutshall wins FFA tractor title

Virgil Gutshall Jr., Pa. FFA tractor driving champion

BLAIN — Virgil E. Gutshall, Jr., of the West Perry FFA Chapter, won the State FFA Tractor Driving Contest during the 55th Annual FFA Activities Week at Penn State.

Gutshall had previously won the Perry County Contest on May 10, permitting him to represent the County FFA Chapters. There were 24 other contestants from across the state who had also won in earlier compeition.

The state contest is a more detailed activity than the county event. On the state level, the contest is divided into three parts: first, a written exam on knowledge of safety, care, operation and maintenance of farm tractors; while the second part involves the student's actual demonstration of a particular maintenance skill selected by the judge from a list of 10 possible ones, of which the student has to know all of them. Contestants also must find previously malfunctions on a tractor, such as missing or loose parts or safety factors, which an operator should be aware of prior to operating a tractor. The third part involves the acutal operation of a tractor which included pre-operation and operational checks, the maneuvering of a tractor and manure spreader through an obstacle course and backing it into a stall with little clearance. The last event was the 4-wheel wagon course which gives contestants the most trouble.

The recent graduate from West Perry High School, who will begin his studies in Ag Science at Penn state this fall, had an almost perfect score. He scored one of the best performances in the history of the event.

In fact, this win for Perry County was the first for West Perry and the third for Perry County in the last six years. The previous two winners were from the Newport FFA, where Virgil Jr.'s, father is the Vo Ag instructor and FFA advisor. They were Terry Heller in 1981 and Tim Casner in 1977.

The first-place winner goes to the Eastern State Exposition in Springfield, Mass. in September for the 49th Annual Eastern Regional FFA Activities Competition. FFA members from the 15 Eastern Regional Sates will compete. The regional program at the "Big E" is generally considered one of the most significant FFA events involving several states, surpassed only by the National FFA Convention.

Burkholder wins Lebanon Co. dairy crown

LEBANON — Lebanon County dairy farmers and supporters of the dairy industry gathered Saturday evening to see the crowning of the 1983 Lebanon County Dairy Princess, Ann Burkholder of R4 Lebanon.

Ann is the daughter of Mr. and Mrs. Ivan Burkholder and will begin her senior year at Annville-Cleona High School this fall. Her family has a herd of 175 Holstein cows. In addition to assisting on her family's farm, Ann is employed part time at Laudermilch Meats.

The Lebanon County Dairy Princess Ann Burkholder is flanked by alternates Ellen Hanson and Beverly Bollinger, left, and Tammy Tyson, 1982 Princess, right.

When asked why she wanted to be a dairy princess, Ann said she had accompanied her sister to mall promotions in the past and found them to be "a lot of fun."

In her milk promotion presentation, Ann portrayed a farmer happily singing a song as she walked back to the house after milking her cow "Edna." In this song Ann managed to tell the audience about all the excellent dairy products available to the consumer today.

Selected as alternates in the Dairy Princess Contest were Beverly Bollinger, daughter of Mr. and Mrs. Galen S. Bollinger of Fredericksburg, and Ellen Hanson, daughter of Mr. and Mrs. J. Ivan Hanson of R2 Palmyra.

The audience was treated to a variety of milk promotion presentations by these girls as well. Bev played the role of "Herbie" the Lebanon Valley dairy farmer, complete with a Dutch accent. Bessie, Herbie's favorite cow, cannot understand why people need products other than milk when milk tastes so good.

Ellen Hanson was transformed into "Little Blue Riding Hood," Lititz Red Riding Hood's sister. That basket of goodies that is taken to grandmother's house now contains dairy products because grandma is getting older and needs lots of nutrients without many calories.

Judges were Sheila Miller, Pennsylvania Ag Committee assistant, Womelsdorf, and Nevin Gish, dairy nutrition specialist, Manheim.

Dean Patches, served as master of ceremonies.

In addition to the crowning, a highlight of the evening's program was comments by Tamara Tyson, 1982 Lebanon County Dairy Princess, as she reflected on her reign over the past 12 months. Tammy also presented her milk promotion presentation which kept everyone on the edge of their seats.

Tammy was calling back to Mars, "Earth to Mars, Earth to Mars, I want to bring back a cow — the foster mother of the whole human race." Tammy explained what a cow does and followed milk from the cow all the way to the consumer, including a reminder of all the dairy products available today.

"You see, Mars does not have cows and so they have never tasted milk." Perhaps the dairy industry should consider sending a cow to Mars. That may be one answer to the milk surplus, Tammy.

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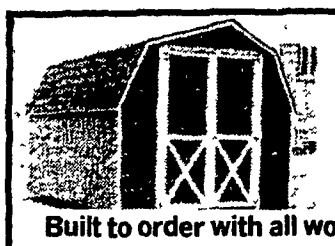

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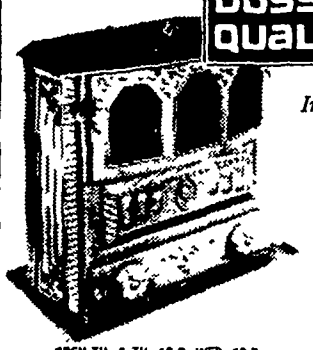

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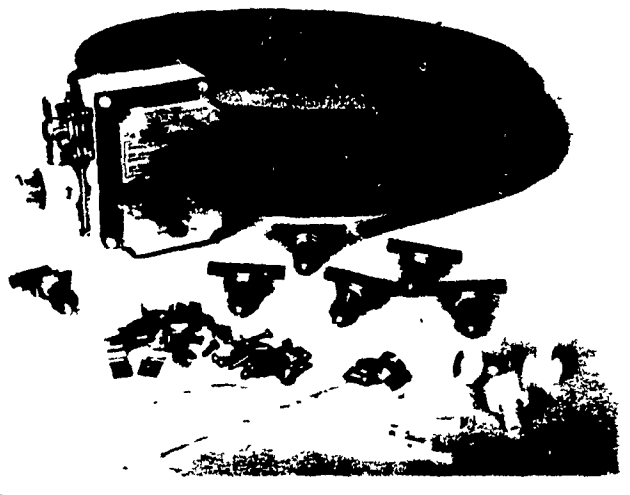

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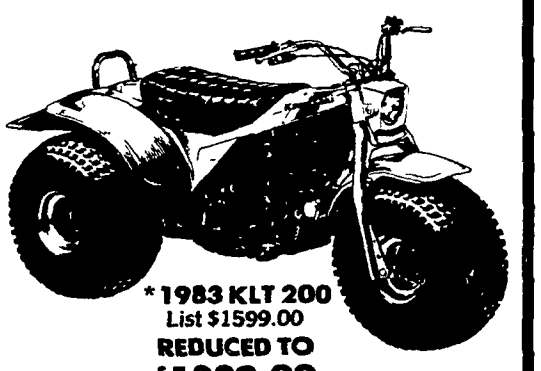

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On being a farm wife -And other hazards

Joyce Bupp

"That dog," he relates, "could hear thunder a day ahead of time."

Halfway through milking on a sticky, hot summer evening, Fritz may pad down the stall barn's center alleyway and flop to his belly in the sawdust.

He stretches his head out between his front paws and rests, still keeping at least one eye on our progress down the double row of cows. Periodically, he rises, meanders toward us and stretches out on the floor again.

"Must be thundering somewhere," observes the teenager of this classic act by our seven-year-old part-German Shepherd farm dog.

Why are some dogs so terrified of thunderstorms?

I mean here's a mutt that, at a hundred yards, is a lethal weapon to a groundhog, has been known to take on a full-grown combat-ready raccoons and simply worships the racket put out by a motorcycle streaking across the field road.

But the faintest warning rumble of an electrical storm, Fritz either streaks toward the barn, if we're working there, or begs at the back door for some kind soul to show pity on him and invite him to the basement to weather the approaching fireworks and noisy sound effects.

His very favorite cowering spot is the basement stairs landing.

Since that corner is probably as devoid of electrical wiring as nearly any part of the house, it's likely a fairly safe hiding spot.

Usually, by the time he's begged his way inside, the rain has already started and Fritz's tan and black coat is damp. Thus, when the air currents stirred by the storm filter upstairs from the basement, they carry along that unmistakable, pungent fragrance of wet dog.

One late evening recently, I suddenly became aware of a familiar, smelly odor wafting through the living room.

Sure enough, there at the bottom of the steps lay a curled-up furry body, tail stretched across the nose. The family pooch, not finding any sneaker-clad butlers offering admittance, pawed open the basement screen door, shoved his nose through the crack and wormed the rest of his body inside to take cover at his safe haven in the storm cellar.

Come to think of it, it isn't only dogs that react to the warning signals of distant thunder and bright flashes on the horizon.

I've seen the farmer take off with Olympian speed to pull hay wagons into the shed before a downpour saturates the bales.

Charlie, our herdsman, may hustle the cows in from the pasture before treacherous lightning jabs come too near.

The youngsters scurry to move the guinea pigs to safer territory from their summertime grazing range in the yard mindful of their mother's near-fiasco last year of forgetting to round up the little critters before a violent storm.

And I scramble toward the wash line to snatch down dry laundry, then rush through the house yanking plugs on my precious appliances: microwave, dishwasher, electric typewriter.

Maybe what we need is a warning period like that afforded by a dog Charlie says he once knew:

It's time to move and divide iris

LANCASTER — Late June and early July is time to move and divide iris. Clumps should be divided every three or four years or they will become crowded and unproductive.

Begin the procedure by trimming the leaves to about 1/3 their height. Then lift the clump, remove excess soil and divide the rhizomes by cutting with a sharp knife. Each division should have at least one fan of leaves; those having several fans will usually bloom the following year. Each division must also have a few inches of healthy rhizome and a number of well developed roots. It is a good idea to keep as divisions younger plants from the edge of the clump rather than the old stock. They are less likely to be infested with iris borers. Discard any division that show signs of damage or rot.

Plant the rhizomes parallel with the soil surface. Dig a shallow hole in a prepared bed (1 lb. of 5-10-5 fertilizer per 100 sq. ft.) and form a cone of soil in the center of the hole. The height of the cone will determine the planting depth. In heavy soil, the top of the rhizomes should be slightly above ground level; in medium soil they should be just below ground level. Place the rhizome on the cone and spread the roots down around it. Fill the hole, and water.

Rhizomes should be planted 18" apart and in groups of at least three of one variety. The rhizome is placed with the leaf fan away from others in the group. For quicker production of a mass of flowers, plant the rhizomes 8-10 inches apart. Of course this means they will have to be divided sooner.

These newly planted iris should be lightly mulched for their first winter after the ground freezes.

Established iris should be fed (if they need it) just after they bloom. Use about 1/2 cup of 5-10-5 fertilizer for six small plants or about 1 cup for a large clump and carefully scratch it into the soil.

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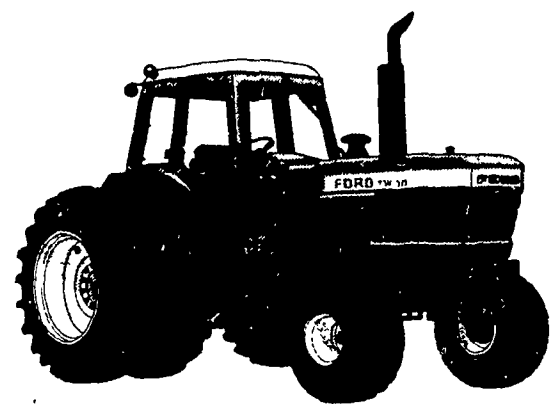

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Ag chemical may halt cancer growth

WASHINGTON, D.C. — A chemical for insect control has been found to stop the growth of malignant skin cancer cells of mice, say two U.S. Department of Agriculture researchers.

The chemical, diflubenzuron, was shown in a three-year experiment to be a "potent" inhibitor of melanotic melanoma cell cultures, microbiologist James O. Norman and entomologist Shirlee M. Meola of USDA's Agricultural Research Service said today.

Diflubenzuron is widely used to control such agricultural insects as the boll weevil.

Neither a pesticide nor a poison, early research showed the chemical to be a "growth regulator" that prevented the insect from making chitin, a substance found in the cuticle or body covering of insects. The cuticle is secreted by cells in the epidermis of insects.

Previous research by Meola had shown that in addition to preventing the formation of chitin by the epidermal cells, diflubenzuron also prevented development of the adult epidermis in stable flies during metamorphosis.

At this time, Norman also noted a report that diflubenzuron inhibited tyrosinase, an enzyme required for formation of melanin, a pigment produced in melanoma cells.

On the basis of these two discoveries, Norman and Meola deduced that diflubenzuron might have a damaging effect on melanotic melanomas. They began a joint venture to test their theory on mouse melanoma cells.

They proved by microscopic examination of cell contents that diflubenzuron prevents the formation of melanosomes, the structures within melanoma cells that produce the pigment melanin.

In the next phase of their research, the scientists showed that melanoma cells, treated with three to five successive low dosages of diflubenzuron before being injected into mice, lost their ability to develop tumors in mice.

There are two types of melanomas. One is the melanotic type that produces large amounts of melanin; that is the type reported on here. The other type is amelanotic, which produces low amounts of melanin. This distinction is important.

During this research, more than 500 melanotic melanoma cancer cell cultures were inoculated with different levels of diflubenzuron and nearly 400 mice were injected with the diflubenzuron-treated cells and monitored for tumor development.

According to Norman and Meola, their findings suggest that no tumor growth occurred because successive doses of diflubenzuron may have sufficiently altered the DNA of the malanoma cells, causing them to arrive at terminal differentiation.

At this stage, cells lose their ability to replicate (multiply) and, consequently, lose their ability to form tumors.

Meola said this cell response to diflubenzuron is significant because neoplasms, or cancerous cells, lack the ability to reach terminal differentiation, and thus keep on proliferating.

Norman said the specific anti-cancer activity exhibited by diflubenzuron, along with its very low mammalian toxicity, make it a good candidate for testing as a chemotherapeutic agent in treating human melanomas.

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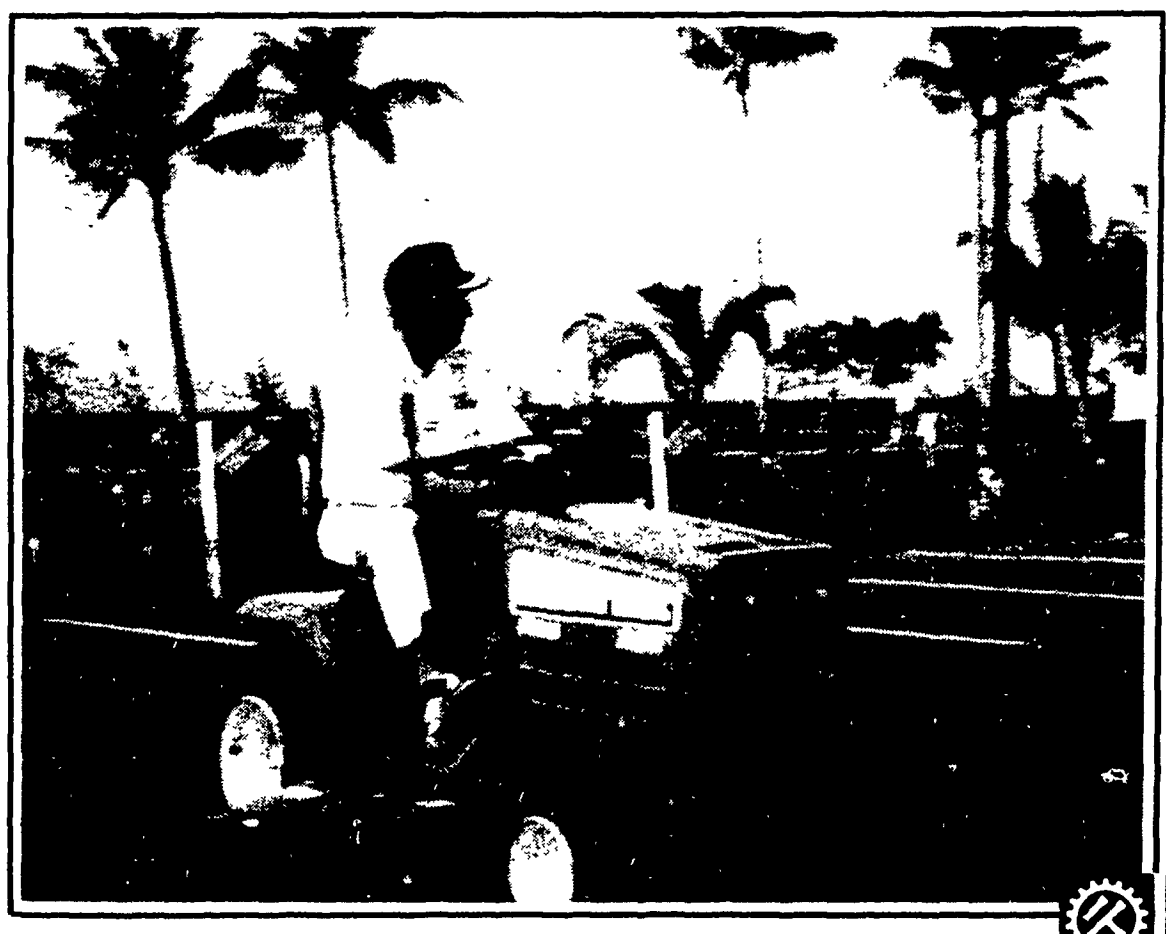

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Farm Women Societies

(Continued from Page B17)

Fulton Grange 66

Fulton Grange 66 observed June Dairy Month by making homemade ice cream topped with strawberries and serving it to members at the recent meeting.

The Grange members used a 15-quart freezer powered by a small tractor to turn out 90 quarts of ice cream.

Dr. Carl G. Troop showed slides on Embryo transfers in cows. Troop travels across several states performing transfers.

The members also conducted a cow calling contest.

Plans were made for a swimming party at the home of Mr. and Mrs. Aldus Martin, July 17.

The next meeting, scheduled for June 27, will feature a safety demonstration on seat belts. Maureen Griffin, community service manager for the Bureau of Safety Programming and Analysis for Penn DOT, will be the speaker.

The Lancaster Pomona Grange picnic will be held on July 9 at Huffnagle Park in Quarryville.

Berks Society 8

Berks Farm Women 8 met recently at the home of member Mrs. Brown to "Relive the Revolution" as presented by Ron George.

The slide presentation showed scenes of Yorktown.

The next meeting will be held at the home of Gail Molsbury on June 28.

Berks Co. Society 12

Berks Society 12 met at the home of Glenna Hix, R1 Mohrsville to learn wheat weaving as taught by Carol Kopler.

The Society will be holding a family picnic on Sunday, June 26 at Christ Little Tulpehocken Church R2 Bernville.

The next meeting will be held at the home of Mabel Strunk on July 11.

Perdue first to nutritionally label fresh chicken

SALISBURY, Md. — Perdue Farms Incorporated has become the first chicken processor to provide consumers with nutritional information on the labels of its fresh chicken products. All Perdue fresh young chickens, prime chicken parts, "Oven Stuffer" roasters, roaster parts, and Cornish game hens now include a nutritional chart on their labels.

While the United States Department of Agriculture does not require nutritional labels on fresh chicken, Perdue is including them as part of its continuing commitment to consumer service. The Perdue nutritional labels include information on the calorie, protein, carbohydrate and fat yield per serving. Because advances in poultry genetics, breeding and growing may affect these numbers, they will be constantly monitored and changed on a quarterly basis as necessary.

"Chicken is an excellent source of protein, is low in fat, cholesterol and calories compared to many other meats, and contains no carbohydrates. These nutritional advantages are one reason per capita chicken consumption has risen so steadily in recent years," said Frank Perdue, company chairman. "In 1978, annual per capita consumption was 44.7 pounds. Last year, it was 49.8 pounds.

The addition of the nutritional labels to Perdue packages is just another of many "firsts" for the company. Perdue revolutionized the poultry industry in 1969 was the first "premium quality" brand name fresh chicken, was the first to make a money-back quality guarantee, and was the first to include a pop-up thermometer in its roasters.

"Interest in diets, health and general nutrition continues to grow," Mr. Perdue concluded. "We believe our nutritional labels will prove helpful to consumers in this regard."

Tomato grades revised

WASHINGTON, D.C. — The U.S. Department of Agriculture has revised U.S. grade standards for tomatoes for processing to make the standards more reflective of technological advances in the industry.

Charles Brader, a marketing official with USDA's Agricultural Marketing Service, said the changes were developed in consultation with industry representatives and key federal and state inspection personnel.

The revised standards, which will become effective July 10, establish basic color evaluation procedures with the flexibility to adjust to advances in electronic colorimeter technology and meet other changing needs of the industry. Those who use the standards will have the option of using alternative colorimeters in addition to the one currently specified.

Brader said all comments received on the April 11 proposal to revise the standards favored the changes.

The revised standards will be published in the June 10 Federal Register, available at many public libraries.

USDA's Agriucultural Marketing Service establishes grade standards and provides official grading for many food products. Use of the standards and grading service is voluntary and paid for by the user.

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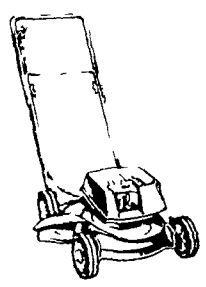

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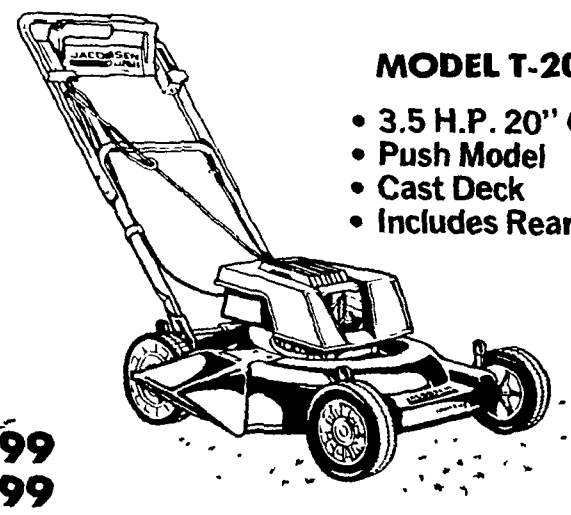

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Bomberger's

Bucks, Montgomery counties crown new dairy princess

BY HAROLD SHELLY

DOYLESTOWN — Linda Geissinger, 17, a junior at Christopher Dock High School was named Bucks County Dairy Princess at the 14th annual pageant at the Richland Mall recently.

Karen Halteman, 18, of Indian Vale Farm, Telford, was named Montgomery County Dairy Princess at a pageant in Red Hill. In addition to helping with her family's herd of registered Holsteins, Karen is a milk tester for the Montgomery County DHIA.

Linda lives with her family on a 220-acre farm in Richland Township near Zion Hill. She is taking a secretarial course, and, though uncertain about her future plans, will continue helping out on the family farm. She helps with the milking of 190 Holstein cattle. Counting calves and replacements, there are over 400 head on the farm.

In addition to her duties at home, and her schoolwork, Linda is president of the youth group at the Swamp Mennonite Church. She said that her job as Bucks Dairy Princess will surely fill any time that is left over.

The youngest child of Issac and Edna Geissinger, the bright-eyed 17-year-old has six brothers and two sisters. She is among the fourth generation of the Geissinger family who are farmers.

A 1981 graduate of Christopher Dock High, Karen Halteman is an active 4-H member. She is vice-president of the Keystone 4-H Dairy Club, and teaches Sunday School at the Franconia Mennonite Church.

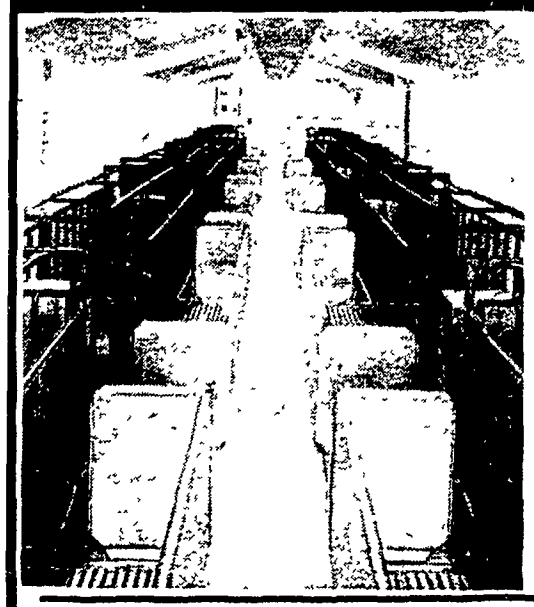
The oldest child, and only daughter of Harold and Marilyn Halteman, she has six brothers. At home she is responsible for calf care, record keeping and helps with the milking.

The dairy princesses will attend a three-day training seminar at Lycoming College in Williamsport in July, prior to starting their appearances at various schools and shopping centers to promote dairy products.

They will be required to prepare their own material, and to make six speeches before non-farm groups.

In an unrelated matter, Linda was selected by the Bucks County Farmers Association to represent Bucks County at the annual PFA youth conference at Bucknell University. Her teammate was Andrew Worthington, of Foutainville. They spent four days learning about government operations.

Linda Geissinger of Quakertown, left, became Bucks County's 1983 dairy Princess during ceremonies at the Richland Mall. Also crowned recently was Karen Halteman of Telford, as Montgomery's dairy princess.



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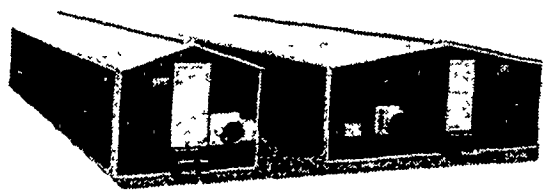

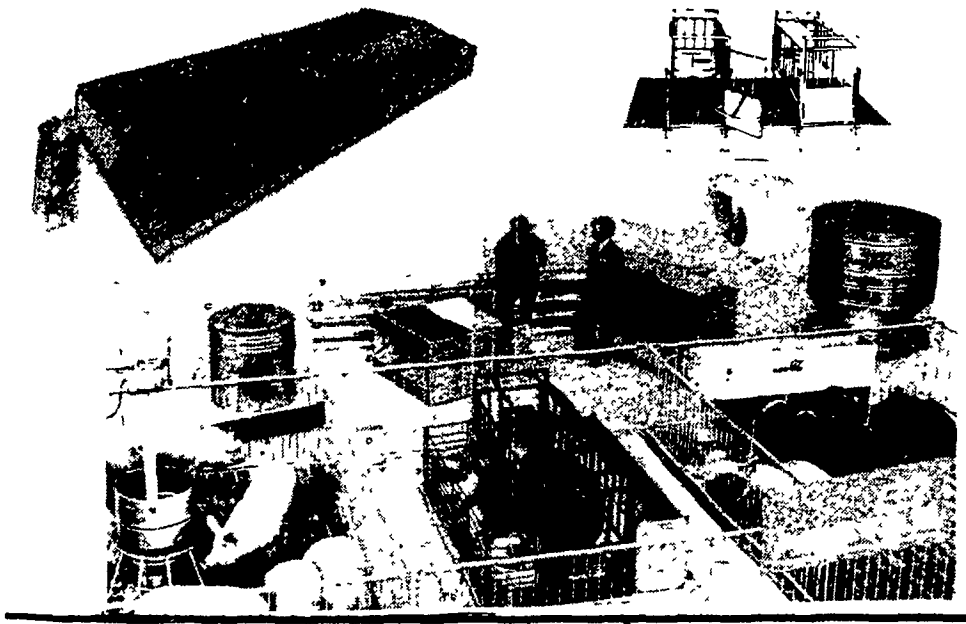

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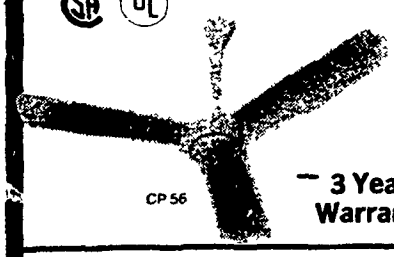

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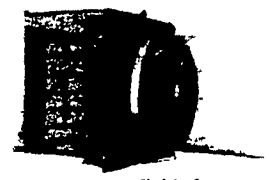

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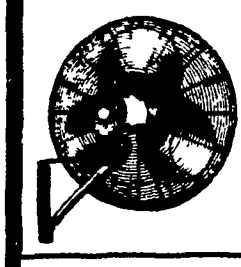

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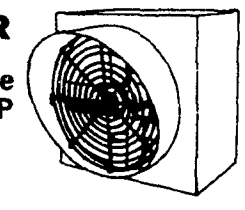

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Intensive cropping boosts home garden yields

Home gardeners who want to increase the output of their plots have several options. There are planting techniques and crops which will result in virtually year-round harvest, even in this part of the country.

University of Delaware Extension garden specialist Dave Tatnall has some advice on intensive cropping.

One technique he recommends is succession cropping. This involves growing two or more crops in the same space, one after another. For example, after an early planting of lettuce is harvested, a late maturing crop such as beets can be planted in its place.

Gardeners also can make several plantings of the same vegetable at two-week intervals, or plant several varieties of the same vegetable which mature at different times.

Another method is to use the space between slow-maturing crops more efficiently by planting a second, fast-growing crop there. Thus, lettuce could be started early, then interplanted with tomatoes. By the time the tomatoes are tall enough to compete, the lettuce will be gone.

Radishes and carrots can also be sown together. Since radishes grow quickly, they, too, will be out of the ground before they compete with the carrots. Just pull them carefully to avoid disturbing the carrot seedlings.

Planting in wide bands rather than rows is another way to increase a garden's productivity. Instead of lining them up like soldiers, stagger transplants or seedlings so that each is the same distance from its neighbors in all directions. Spaced properly, when mature its leaves will just touch those of adjacent plants.

Another intensive cropping method is vertical planting. Vine-type plants take up less space when grown on fences, trellises, stakes, poles or inside cages. Some peas and pole beans climb by themselves if supported. Others, like cucumbers, melons, squash and tomatoes, will need encouragement and tying up.

Tatnall also suggests using some of the newer compact or space-saving vegetable varieties such as bush cantaloupe and watermelon.

Though some home gardeners are only interested in growing warm season vegetables like tomatoes and peppers, those who want to increase the productivity of their plots can extend the growing season itself with cool weather crops. Then, instead of just a summer garden, they will have a spring and fall one as well, with some of the hardiest crops like kale or spinach actually surviving the winter.

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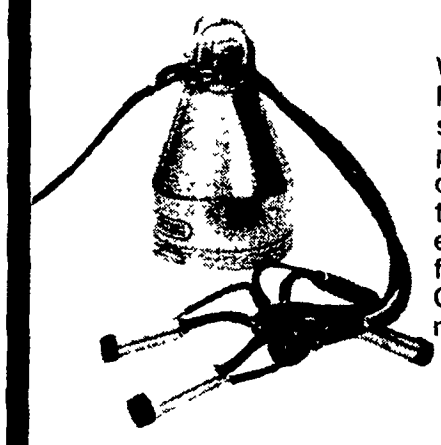

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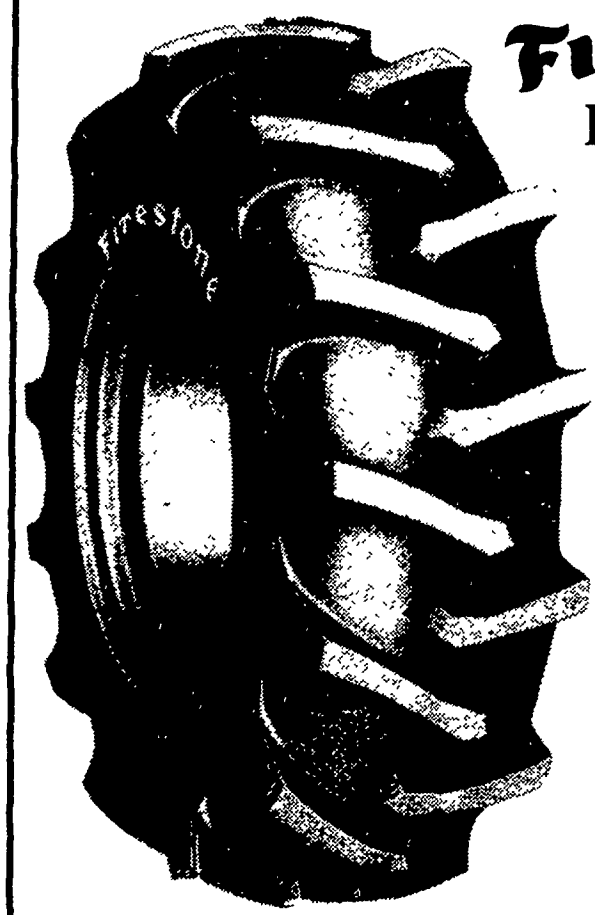

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Boiling Springs farm gal is Cumberland princess

BY BETH HEMMINGER
Staff Correspondent

NEWVILLE — Carolyn Myers, 19, was crowned the 1983-84 Cumberland County Dairy Princess, Saturday evening at the 16th annual Cumerland County Dairy Princess Pageant held at the Big Spring High School.

Carolyn is the daughter of Mr. and Mrs. Richard Myers of Forge Road, Boiling Springs. The newly crowned dairy princess is a 1981 graduate of Boiling Springs High School. She is presently working on the family farm where she is in charge of caring for the dry dairy herd.

Presently the Myers family milks 34 Holsteins with a dry herd of 30 and raises approximately 70 heifers. The Myers' farm encompasses 100 acres and Carolyn added that they rent 125 acres from neighbors for additional crop production.

Carolyn is a member of the Conodoguinet 4-H Sheep Club and a member of the St. John's Lutheran Church.

During Carolyn's spare time she is a part-time employee of Wayne Noss Flowers, Boiling Springs.

During her year reign, Carolyn will be busy taping radio spots at local stations, attending parades, open houses, dairy promotions, fairs and much more.

This year's alternate is Tracy Potteiger, 19, daughter of Mr. and Mrs. Fred Potteiger of Carlisle

Tracy is a 1982 graduate of Cumberland Valley High School. She is presently working on her family's farm. The Potteigers milk approximately 100 animals and farm over 500 acres.

In the future, Tracy plans to attend flight attendant school.

The judges for the pageant were Jack A. Robinette from Hummelstown, owner of the J. A. Robinette Company; Gladys Overman of Gettysburg, operator of SCATCOM a telecommunication company; and Robert Vinson, of York, the general manager of Farm Credit Associations of York.

The theme of this year's pageant was "Milk - It's Fitness You Can Drink."

Carolyn Myers, 19, of Boiling Springs was crowned Cumberland County Dairy Princess by outgoing princess Nancy Yorlets, left. Tracy Potteiger, 19, right, was named the alternate.

JOHNE'S DISEASE IN COWS

can be and is very serious, considered contagious, Lancaster Farming June 11 pages A1 and A32 and Farmshine June 10 pages 8 and 9. Huge sums will be spent to research the cause and cure when we already have the answer - Back to nature.

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Watch the warranty clock

LANCASTER — "That refrigerator is practically brand new. How could the warranty have expired already?"

That's an all-too-common question this time of year as people try to restart appliances in summer homes, and also recreational vehicles. When they have trouble, they go back to the dealer, claiming that four years of seasonal use ought to be covered under a one-year warranty.

But warranty coverage is stated for a specific period, not for the amount of time the appliance was used, points out Delaware Extension family living agent Debbie Walker. Manufacturers have valid reasons for writing warranties this way. For one, it is virtually impossible for a manufacturer to monitor actual consumer usage. Also, some appliances actually suffer more from extended periods of non-use than from continuous usage.

For example, refrigerator and air conditioner seal sytems stay vacuum tight, generally for many years, if the refrigerant gas and oil are kept moving. This movement keeps the seals lubricated and soft. If the mechanisms involved do not move from long periods, seals may dry out.

When purchasing an appliance for seasonal use, it's especially important to check what the warranty covers and to use the appliance enough during the warranty period so that defects have time to surface. Make it a point to try out every appliance feature and control, Walker says.

Some warranties may offer free repairs during the first year, and partial reimbursement for repairs during the next four years. Manufacturers can offer almost any type of warranty as long as provisions are clearly stated and available for review before you buy.

To get the most satisfaction from your appliance, study the use and care manual as well as the warranty, and file them for ready access should problems develop. The manual contains troubleshooting tips that could help you avoid unnecessary calls. Often the problem is as simple as a blown fuse, unlit pilot light or unplugged cord.

If the applicance needs service, Walker suggests calling the dealer, the service agency recommended by the dealer, or an organization franchised by the manufacturer. The warranty will give specific instructions.

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(3) CCC reserves the right to reject any or all bids
(4) The property will be sold on an as-is, where-is basis
(5) Payment shall be by postal money order, certified check, or draft guaranteed by the banking institution on which drawn. Payment may be by uncertified personal or firm check only if approved by the County Executive Director
(6) Payment in full must be made prior to commencing removal of the property
(7) The purchaser shall remove the property from the premises within 10 days after notification that the bid has been accepted
(8) Title to the property shall vest in the purchaser when payment is made After passage of title, risk of loss or destruction from any cause shall be borne by the purchaser

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Date

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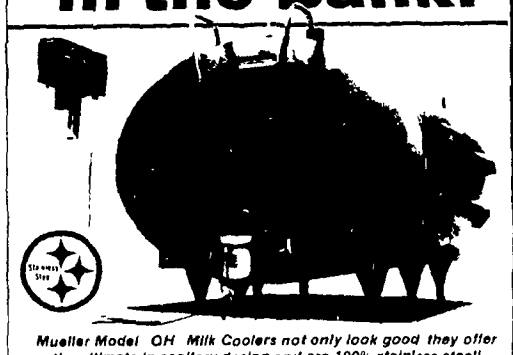

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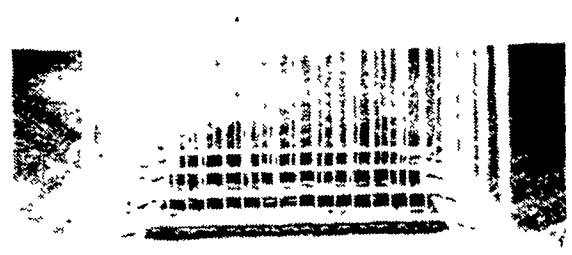
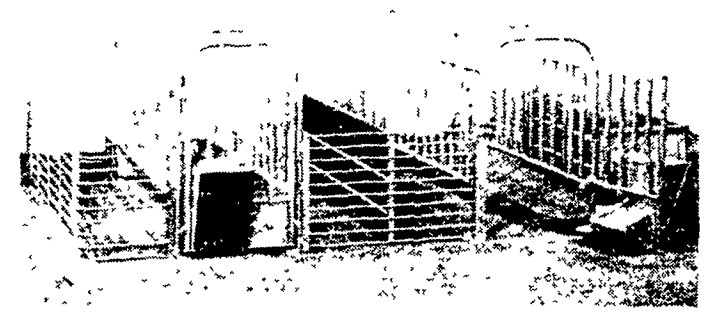
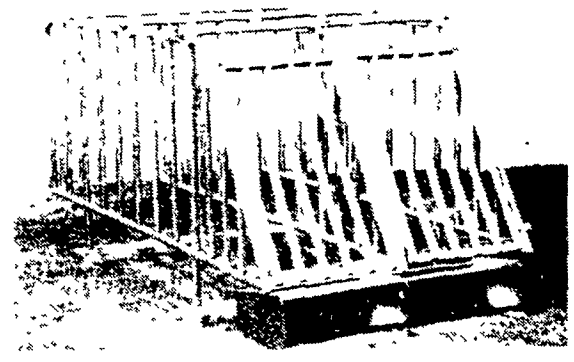


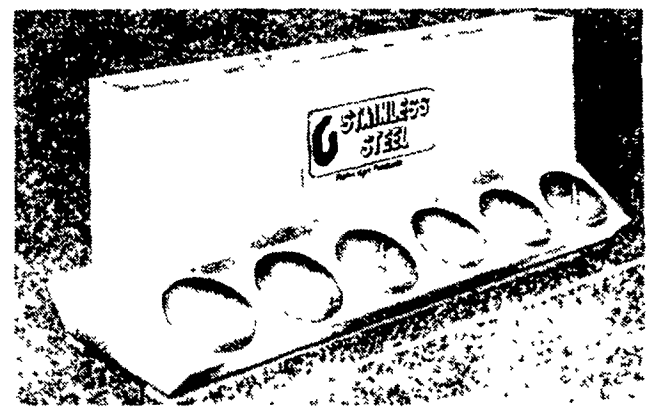
CONFINEMENT FENCING - 30", 34", 38", 48"



FARROWING - Vertical Side Crate



GESTATION - Sloped Front Stall



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25 get scholarships

UNIVERSITY PARK — Paying for college will be a little easier for 25 new freshmen in the College of Agriculture at Penn State this fall. Michael Chaplin, assistant dean for Resident Education, announced that 25 new students will receive Raymond F. Russell Memorial Scholarships of $1,000 each to help them with the expenses of their freshman year at Penn State.

Winners were selected from high school students who have been accepted into the College for their freshman year. Those who demonstrated the highest academic ability in their high school work were chosen.

The awards were possible because of the generous trust established last year for high school students planning to enroll in the College of Agriculture. Last year $14,000 was awarded from the trust. This year's increase of $11,000 to a total of $25,000 is a welcome addition to the scholarship and financial aid program for incoming freshman.

Traditionally, scholarships in the College are awarded to continuing juniors and seniors. In the past few years, however, the College has made a concerted effort to develop awards for incoming freshman as well.

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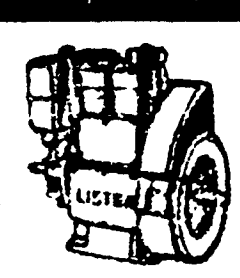

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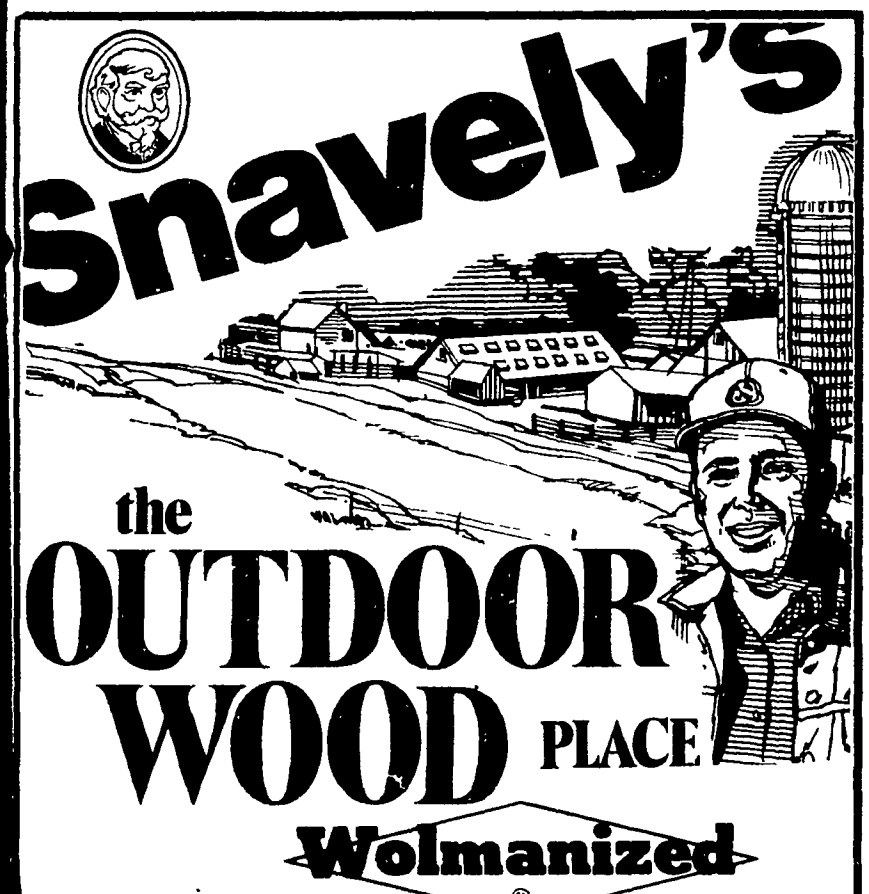

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USDA eyes grain export changes

WASHINGTON, D.C. — The U.S. Department of Agriculture is proposing minor changes to regulations concerning the requirement and procedures for registration of grain exporting firms.

Federal Grain Inspection Service Administrator Kenneth A. Gilles said the proposed changes involve rewriting and reorganizing the regulations to simplify, clarify and condense certain language.

Also, some provisions, which are no longer applicable, will be deleted. These include:

— procedures used only during initial implemetation of the registration program;

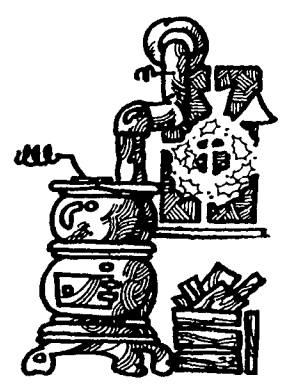
— provisions dealing with withdrawal of an application since registration is mandatory for firms regularly engaged in grain exporting;

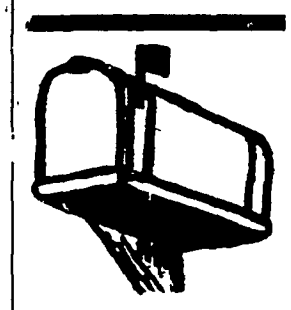
— provisions dealing with possession of certificates, since they are issued annually to each approved applicant;

— the requirement that suspended or revoked registration certificates be returned to the agency, since possession of such certificates does not enable firms to engage in foreign commerce, and the certificates would expire at the end of the calendar year anyway; and

— the provisions concerning renewed certificates to simplify the mechanics of the registration program and permit use of the same type of certificate for new registrations and renewals.

Comments should be sent in duplicate by Aug. 12 to Lewis Lebakken, Jr., Regulations and Directives Management, USDA, FGIS, rm. 0667-S, Washington, D.C. 20250. Phone: (202) 382-1738.





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Limit your advertisement to 20 words. area code must be added to phone number and, due to repeated requests please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Tuesday or same will be held over for next week's paper. no business advertisements accepted.

Include your Lancaster Farming mailing label and mail to

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P O Box 366
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No Phone Calls Please

MAILBOX MARKET

For Sale - Used drawbar to fit JD 530 $25., can send UPS COD 215-944-7681, Weavers Hardware Co RD4125 Fleetwood Pa 19522

For Sale - AKC Springer Spaniel puppies $100 each 717-656-6109

For Sale - Oliver 77 diesel good running condition. Millfin Co Daniel A Peight, RD1, Box 239, Belleville, Pa 17004

For Sale - Stationary mixer for total mixed ration 10 ton butter bulk feed bin. Rustic oak barn beams. 717-758-2136

For Sale - Purebred Charolais, two heifers, one bull York, 717-432-5731

Wanted - Case 310 or 320 crawler, running or not or for parts Northern New Castle Del 302-239-7363

For Sale - Straw chopper, for 410 MF combine Berks Co 215-286-5422

Notice - Pasture for rent in Berks Co 215-678-9326

Wanted - IH 2350 loader, Ed Searle, Box 253, South Orange, NJ 07079 or 201-762-9404

For Sale - Wc AC, good mechanical condition $525 J-ram tamper $385 Lanc Co 717 367-3036

For Sale - Ford 901 power master $2000 Disc $350 Plow 2 btm $250 Scraper blade $100 All 3 pt 201-446-9493

For Sale - Wheat straw Perry Co Day 717-957 3811 ask for Skip or John Eves 717-834-3221

For Sale - Homebred herd 47 cows, 13 bred heifers & 40 yearlings, some are reg RHA 15,500 A-I bred 717-866-6081

For Sale Belt pulley assembly for 3010 JD $150 Snyder Co 717-658-7389

For Sale - Piston for woodsplitter. 3 5"x24" $75 Stainless steel tank, sealed 16' x36"x72"x 1/8" $300 215-696 1703 Westchester

MAILBOX MARKET

For Sale - 5' Mott mower, flail type, pull type, working cond $150 York Co 717 755 4767 or 717-757-2842

For Sale - 30 bred gilts, gilts 3 way crossbred to Tamsworth some due soon rest July & Aug 215-286-9096

For Sale - Pigs every month also 1 Billy Goat & couple Nannys 1979 Int truck 16' tight grain dump 717-359-5953

For Sale - Int hay baler model 45, PTO, good cond Lehigh Co 215-267 2340 before 8 a m

For Sale Antique 1938 Chevy 1½ ton truck Good cond 62000 miles $1995 Seneca Co NY 315-568 6006

For Sale - Milking equip, bulk tank w/compressor, vac pump, milkers, cans, gas water heater, more Good shape, Centre Co 717 349-8911

For Sale - #609 tobbacco plants $7/thousand Jesse Esh, Narvon #1, Pa 17555

For Sale - 200 4" x 4" x 7' Locust post $4 each Arthur P Hoover, RD 4 Box 345, Tyrone, Pa 16686

Notice - Attn Beverly Rossman, lost your phone # Abysinnian & Peruvian Guinea pup for sale. Cheap for pets Perry Co. 717-789-4358

For Sale - 24" wood planer pulley belt drive C S Miller, Box 177, R1, Paradise, Pa 17562

For Sale - 2 kid goats 9 wks old Brown Dekalb pullets David S Beiler, 2498 Old Phila. Pike, Lanc Pa 17602

MAILBOX MARKET

For Sale - 1968 Mustang fastback, engine & body redone, Tioga Co 717-724-1344

For Sale Reg. Holstein heifer Astronaut Grand daughter due Aug $1200 FFA project, from a top herd, will deliver, 215-445-6181.

For Sale - pair mules, broke, gentle, ready to go $1400, Clarence M Hoover, Lauschtown Rd Denver 1 Pa 17517

For Sale - Potatoe sprayer Oliver iron age hydraulic 10 row boom 400 gal wood tank field ready first $950 814-736-3134.

For Sale - TD 14 angle blade $150 other TD 14 parts Thrashing machine Huber Supreme Hart model 28" $100 717-865-4961.

For Sale - JD 4010 diesel, narrow front end, good cond $4350 215-267-2128.

Wanted - 1 tire for Farmall H 11 or 12 4 x 38" 215-926-3167

For Sale - M37 Dodge w/rear winch for logging $1800 JD factory log forks, fits 450 crawler $1500 Huntingdon 814-448-3209

For Sale - Lamancha Buck, sire Vodka, prize stock service age Also Yearling Nubian doe Lanc Co. 215-445-6622 and gooseberries

Wanted - Cultivators &hoers to fit Farmall H, no junk, Lanc Co 717-684-0777.

For Sale - 5 yr old saddlebred carriage mare, work single & double Isaac Hoover, RD1, New Holland Pa. 17557

Lancaster Farming
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MAILBOX MARKET

For Sale 1934 Maytag Gyratator wringer washer elec model, excel working cond $75 715 529-6715 Kirkwood

For Sale - AC blower w/10' feeder table, belt driven $200 Sch. Co 717-425-3486

For Sale Pennbell tobacco plants, also round & split locust post Lanc Co Ephraim K Stoltzfus, Box 241, Narvon R2, Pa 17555

Wanted - Help shop instructor on his land, all expenses (1-2 weeks), John Vogt, 192 Hartman Bridge Rd Ronks, Pa 17572

For Sale - 22 Acorn lever type Stanchions 80' 1¼" galvanized vacuum line Lancaster Co 717-442 8006

For Sale Oliver 1650 diesel $4800 White loader $1800. 4 btm 16" JD semi-mount plows $900 717-584-4875

For Sale - Int. 2 btm trailer plow, JD 2 btm trailer plow w/extra shears Sch Co 717-386-4324

For Sale - Oliver grain drill, 16 hoe, excel $1000 Horizontal press 100 ton $450 Flemington, NJ 201 782-3391 or 782-6781

For Sale IH No 100, 3 pt hitch, 7' sickle bar mower $300 York Co 717-764 8301

Notice - Pasture for rent for horses or heifers Chester Co 215-486-0460 after 6 p m

For Sale - 6' off set disc w/hydraulic cylinder $500 2 btm 14" plow w/2 pt hitch $200 215 536-4190

For Sale - 1971 Chevy Vega, HB AT Runs $100 or best offer, Chester Co 215-932-4728

For Sale - 1967 reg App mare, spotted roan, bred to Prince's St George, excel show/pleasure/game horse $2000 717-223 8950

For Sale Reg Cotswold yearling ram Lanq stapled wool Wanted Used wooden rabbit hutches in good cond Chester Co 215-789 2751

For Sale - Onan generator 75KW, 220V, AC single phase, powered w/IHC gas engine fully auto $4500 Cambria Co 814 886-8916

For Sale - 1978 & 72 Ford F-350, 1 ton cab & chassis, long wheel base, dual wheel, V-8, 814-467-4048

For Sale - D4 cat bulldozer w/angel blade needs track & rollers Wanted - 6' Dodge truck bed MD 301-293-1038.

For Sale - Reg Nubian milker $110 Saanen & Nubian doe kids $65 each wether $25, Saanen doe $75 Md 301-836-1058

For Sale - JD 4400 combine w/13' grain head & chopper Adams Co 717-637 1544

For Sale - MF 124 baler w/22 thrower Gehl 880 mower cond Both used very little like new 717 547-1585, 717-433-3630

For Sale - IH 370 10' trans disk, JD 480 mower cond 12' badger BN 101 liquid manure pump York Co 717-225-3380

For Sale - Suffolk mix ewe lambs All are twins Call Tim 215-582-8486 Berks Co

For Sale New rye straw little Dusty $40 a ton Lehigh Co 215 799-2649

For Sale - Pole barn Open one side 16' x 32' $500, York Co 717-845 1518 or 717 252-2938

For Sale 1959 GMC pickup 4 wheel drive good cond but needs paint $800 Sellersville, Bucks Co 215-257-3391 after 5 p m

For Sale - 125 bushel wooden gravity bin easy bagging from both sides, 35' seamless belt Lanc Co 717-653-4149

MAILBOX MARKET

Wanted - 18 long hay wagon w/sides 215 666 6579 after 6 p m Montgomery Co

For Sale Front bumper for Ford tractor $25 Belt driven hammermill $50 Two 600 x 16 tires $10 215 756-6285 Berks-Lehigh Co

For Sale Farmall M tractor, corn cultivators to fit same will sell separate York Co 717 235-3197 after 5 30 p m

For Sale - NH 315 baler hyd pickup & thrower. 2 thrower wagons 18' each 5 3 1 4 s l 0 3 0 t r s l 0 8 0 Sale - AC "60" combine, good cond have new concare bars & cyl bars, also operating book 215-678-4394 eves

Notice - Free-for removal 10 x 45 dark tile silo w/good metal roof Lanc Co 215-445 4661

For Sale - 3 yr old sorrel Gelding good w/people, great 4-H project $600 Lanc Co 717-665-6647

For Sale - 2 straight trailer axels 1½" square steel 12" 4 lug wheels & tires will separate, reasonable offer Lanc Co 717-464 3883

For Sale - Kelvinator air cond unit for 220 volt 18000 good cond $150 York Co 717-252-1469

For Sale - Int §2 MH mounted cornpicker, very good cond kept inside Harford Co 301-452-5122 eves

For Sale - 3 grade holstein heifers due to freshen late July & Aug $695 ea Lanc Co 717-653-1635

For Sale Feeder steers 350-400 lb 70/lb Wanted - AC manure spreader chain drive wheel Bucks Co 717 679 5760

Wanted Small utility trailer w/approx 4' by 6 bed Mont Co 215-646 5466

For Sale - Case tractor 1941-1954 Ser No 450 1163 SC In A-1 cond $1000 Dauphin Co 717 469 2862 eve

For Sale Electrolux canister vacuum $30 Kenmore 30" gas range $75 Double cement laundry tub $30 ⅓ HP sump pump $40 717-872 6236, 872-0766.

For Sale - 30' NH bale elevator $300 JD wheel rake $500 NH bin wagon $425 JD grain drill $200 717-653 1249

For Sale - 2" glass pipeline surge but will fit others various lenghts most w/nipples ⅓ the price at new 717-568-3451

For Sale - Pair medium chestnue ponies drive, ride & work single, started as team $1000 or will sell saparately Montg Co 215-935-2816

For Sale - Goslings - 4-5 weeks old. White Chinese Lanc. Co 717 768 7229.

For Sale - Farmall C w/3 pt., rebuilt motor, new clutch & paint $1200 or best offer Chester Co 215-593-5582

For Sale - One 16 9 x 28 6 ply tractor tire good rubber no breaks Wanted - 246 3 pt corn planter 201-948-5781

Wanted - Wooden wheeled spring wagon for pony team RD 1, Box 445, Landisburg, PA 17040 Perry Co

For Sale - Horse & cattle trailer 50 cu ft Commercial refrigerator Berks Co. 215-856 7670

Wanted - Decoys duck & geese decoys field or water Write details to RD5, Box 75, Oakland Md 21550

For Sale 15+4 bay mare 10 yrs old good riding horse has April colt at side $800 for mare, $300 for colt, $1000 for pair 717 359-5010

For Sale JD running gear 14' oak flatbed wagon, heavy duty extension tongue & 8 ply tires Price $1,050 301 658-4846

MAILBOX MARKET

For Sale 3 Cheviot lambs B K Fisher, Ronks, Pa 17572

For Sale - 1090 Hesston windrower new condition used on 20 acres $5100 Barley Straw 10 acres baled or unbaled 717 866 4185 or 215 589 2966

For Sale - 4000 gal water tank never used $500 Elam E Beiler, Box 121, Christiana, #1, Vintage Road, PA 17509

Wanted - Old time school desks Write to Jacob S Stoltzfus, Box 180, Christiana #1, PA 17509.

For Sale 18 20 ton ear corn $105/ton 1973 Chevy pick-up truck $800 215 488-1422 at 6 30 a m or after 9 p m

For Sale Celery plants 609 tobacco plants Paul R Zimmerman RD2, Ephrata, Pa 17522

Wanted - 2' gasoline wood splitter Ephraim S Stoltzfus, 74 #3 Honey Brook Pa 19344 Chester Co

For Sale Top quality corn silage in upright silo 717 626-7109

Wanted - Air starter for 3 71 G M C diesel or other engine Emanuel G Zook, Kinzers #1, Box 252A, Pa 17535

For Sale - NH 404 hay crusher, also AKC reg boxer puppies Cumberland Co 717-532 3640

For Sale - King wood and coal heaters Summer discount prices, buy now save, Amos L Stoltzfus, Strasburg, RD1, Box 215, 17579

For Sale - Ear corn clean most is Pioneer 3382, Ben B King, RD 2, Box 221, Narvon, Pa 17555

Notice - For hire - 14 yr old boy to work on Amish farm Paul Stoltzfoos 717-656 9570

For Sale - 2 hp NH gas engine also others North Lanc Co 215-267-5026

Notice Free for dismantling, 20 Jamesway, Yoke stanchions w/lever, for cows Lanc Co 717-626-7654

For Sale - Mix German Shepherd pups 6 weeks old 6-23 Oley, Berks Co 215-779-5605

For Sale - 5 hp Lehigh milk cooling compressor, complete w/radiator, fans, & 5 hp Dallas motor Price $600 215-754 7316

For Sale - 826 Int 2400 hrs dual hyd 18 4x38 radial tires, narrow front end, nice cond., Lebanon Co 717 866-7463

For Sale 12' alum runabout boat like new, tee-hee trailer, life preservers, gastank, steering wheel, windshield, $700 717-527-4196

Wanted NI 327 twelve roll husking unit for 325 picker For Sale - Badger barn cleaner 230' chain $500 717-966-1561

For Sale - 20 Chev Ewes, $25 ea Carbon Co 717 386-5316

For Sale - Three Holstein heifers due in July, dehorned, vac, and TB tested, best offer Somerset Co 201-359-6069 after 6 p m

For Sale - IH 544 utility tractor, diesel, hydrostatic, 2000 hours, w/2000 loader, large material bucket, $6800 Washington Co 301-739-3142

For Sale - 91 IH SP combine 10' grain head 38" 2 row corn head straw spreader, excel cond $2500 717 538 1341

For Sale - Purebred Border Collie puppies, 8 weeks old, shots & wormed, Allegany Co, Md, 301-722-4207

For Sale 50 13'8 ' long 9" high trusses $5 each 1 two pc 10' x 12' heavy duty sliding door w/entry $25 717 285-4189

MAILBOX MARKET

For Sale - Celery plants also Guernsey Heifer calf eight weeks old John Z Hoover, East Earl #2, Lanc Co 215-445-4267

For Sale Oliver OC3 w/loader $1500 also McCormick thrashing machine 28" $300/best offer Lanc Co 717-354-7938

For Sale - Frick thrashing machine, 22" w/blower, or for baler, good cond, $1000/best offer Lanc Co 215-445-4898

For Sale - Noland Freeze Guards Adams Co 717 528-8428 or P O Box 345, York Spirngs, PA 17372

For Sale JD #22 hay conditioner, good cond $400/offer York Co 717 235-4278 after 5

For Sale - 8' tractor backset harrow $65 2-71 diesel power unit rebuilt $3000 Cat "O" 3 pt disk $275 717 292-4245 eves

For Sale JD 95 corn special combine, hydrostatic, 13' grain, 435 w corn, heads $11,500 Lanc Co. 717-529 2829 after 7 p m

For Sale Two 12 x 40 concrete stave silos w/roofs $400 each or best offer Lanc Co 717 548-2612

For Sale - Beef cows, selling herd, your pick, Chianina Simmental & other cross bred Chester Co 215-942-2657

Notice Have black percentange Chianina bull, Garabaldi son, reg trade for higher percentage or fullblood Chianina bull 201-637-6335 after 9 p m

For Sale - Singer commercial sewing machine 78-1 walking foot $500 Trade or best offer, will transport Ocean Co 201-657-0565

For Sale - Winco 4500 watts portable generator used once, has its own Schauer automatic battery charger, asking $1000 Lebanon 717-865-2853

For Sale - Farmall 300 utility tractor w/fast hitch, small tame family cow Lebanon Co 717-865 6585.

For Sale - 2 quiet Appaloosa fillies yearling & weaning $500 ea Prince Plaudit & Bright Eyes Brother bloodlines Berks 215-775-3074.

For Sale MH pony - hyd, mower, 2 plows good rubber, runs good $1350 Wanted 3 pt sickle mower for Ferguson 301-692-2006

For Sale - Amish carriage $500 or highest bidder Paul Blank, Narvon 2, Churchtown Rd Pa 17555

For Sale - 100 bales Barley straw, Daniel F Lapp, 145 Iva Rd Lancaster Co Ronks, Pa 17572

For Sale - Beagle pups, 8 weeks old, Lanc Co 717 442 4842

For Sale - 3 South Bend Lathes 9" to 13" $800 & up Dick Vincent, Gap, Pa 717-442-4203.

For Sale - Wild Cherry boards different length & width air dried. Lanc. Co. 717 354-8970

For Sale - 2 steel feed bins, 1-4 ton capacity 1-6 ton, good cond, also egg grader & washer Baltimore, Co 301-592-8101

For Sale - Five 200 lbs Dekalb crossed boars Wanted - to buy used IH 550 harvester for parts Leb Co 717-272-5089

For Sale - Wisconsin engine model VE4 For parts only, make offer Orange Co NY 914-651 7562

Wanted 205 MF spreader for parts Lanc Co 215-445 6067

For Sale - Homelite 30' cut riding lawn mower good cond, w/grass catcher best offer Lanc Co 717 665-3952

MAILBOX MARKET

For Sale Yearling Hereford bulls, pair cane-seated oak dining room chairs, New Haven steeple mantle clock Cecil Co 301-398-3782

For Sale By owner, 607 292-3138, 14-room house, 5 acres land, Blktop Road, mail, school bus, stores, 2 churches

For Sale - MH pony tractor plow, cult, 6' mower $975 Live hydraulic 300 egg Kerson incubator $35 Susq Co 717 434-2265

For Sale - 1936 or 1937 model "C" Case tractor, hand start JD "G" fly wheel Franklin Co., 717-263-4298

Wanted - Good used pony harness Box spring & mattress for single bed in good cond Ammon Martin Lanc Co 717-656-9503

For Sale - Strawberries, sugar peas, snap peas, pick your own at Strawberry Dan Burkholder's, Denver Pa 17517, 215-267-5444 Lanc Co

For Sale - 2 hole Mountville cornsheller, ½ acre building lot in Elizabethtown area after 7 p m Lanc Co 717-367-4567

For Sale - MH 7' combine motor & bin, good shape, new canvas, Cumb Co 717 249-3194

For Sale 2 purebred Nubian does, 1 Toggenburg milker, 1 Toggenburg doe kid, 1 Toggenburg buck kid. Perry Co. 717-582-2824

Notice - Free to good home German Shephard & Lab puppies Leb Co 717-949-3564

Wanted - IH grain head to fit a 203 combine, preferably a 10' head 42" neck Luzerne Co 717-788-1508

For Sale - Anvil signed 'Queens Dudley' 180 lbs perfect B/O over $200 Berks Co 215-678-1123 6-7 p m

For Sale - 72 Pont. GTO H.Perf 400 Posi R turbo 400 trans. PB PS, new paint, T wheel, E seat, $1600, Berks Co. 215-367-8764

Wanted '69 or '70 Dodge pickup 8' body, cab & body must be solid 717-432-3117 eves 8-10 Wellsville, PA

For Sale - Bull calves sired by Sexation & Columbus, Bale elevator. Jonas E Stoltzfus, Old Phila. Pike, Gap, PA 17527

Notice - New carts & spring wagons made to order, repair work done, Menno Stoltzfus, 3109 Irishtown Rd, Gordonville, Pa. 17529

For Sale - PTO #35 beam sprayer w/reel & hose VG 4D. Wisc engine w/clutch, also 2 cyl Wisc Lanc Co 717-859-2797.

For Sale - Approx 300 board ft. dry white pine lumber, Andrew M Stauffer, RD 2, Box 757A, Ephrata, Pa 17522

For Sale - Morgan Stallions, 5 & 2 yr old, potential buggy horses or herd sire Adams Co 717-334-7337 eve.

For Sale - Fox chopper 2 heads Gehl silo blower, Oliver twin baler w/thrower all in good cond Bucks Co 215-598 7669.

Wanted Horse trailer in good cond Holding (2) or more horses Schuylkill Co 717-889-3788

For Sale - Reg Welsh bay mare trained for saddle or cart $350 Cart & harness $100 Sussex Co 302-684-8092

For Sale - Front opening stainless steel produce cooler about 90 cu ft Lanc Co 215 267 5209

For Sale 3 yr old Saddlebred gelding needs driving, Eli B Stoltzfus, 2966 Stumptown Rd Ronks, Pa

For Sale Poultry slats 4' x 14' good cond & poultry nests, Cheap York Co 717-229-2564

MAILBOX MARKET

Wanted - Small grain bin, Adams Co 717-258 0040

For Sale Alfalfa haylage in silo, Lanc Co 717-786-1483

For Sale - Good 8' cut McCormick-Deering binder, ready to go, price right, $350. runs in oil York Co 717-938-2372 eves

For Sale - Pure distilled turpentine $3/gal. delivered within 10 mi. of Fivepointville John M Martin, R1, Denver, Pa 17517

For Sale - 5 acre Farmette w/new 4 BR's Home & Separate 1½ story double garage w/9' x 9' doors Leb co 717-866-7125.

For Sale - 250 bales 1st crop hay (1982) $1. each Walnut firewood $60. a cord 717-394-3607

Wanted - Hi-moisture swing auger feeder attach w/magnet for 600 Gehl harvester, Samuel S Miller Jr. Bird-in-Hand, Box 167, Pa 17505.

For Sale - NH hayliner 68 Hay baler $800 & McCormick side delivery rake $200 Adams Co 717-528-4483

For Sale - 3000 tobacco lath $8 a hundred also 2 lawn mower push type $8 each S York Co 717-993 2377

For Sale - 14 stable barn doors & hinges North Chester Co 215-326 4640 after 5 p m

For Sale - 3 pt weeder, 2 row corn planter, hay mowers, crushers, rakes, elevator, baler, 11' transport disc, Case cultivators, 717-345 4882

For Sale - 3 speed 8N Ford tractor/2 btm plow/4' disk $2000 excel cond 717-584-4647 after 6 p.m.

For Sale - Reg polled Hereford trustee calves. Wayne Co 717-689-2158

For Sale - Int 205 combine, 13' grain head, field ready, Lehigh Co. 215-767-6298

For Sale - Columbian wood/coal cookstove, hotwater pipes, resevoir, 717 768-3987 eves.

For Sale - B/O cow, calf, milker, goats, JD-B, 2 btm. trailing plow, 2 section springtooth harrow, Lanc Co 717-665-4589

For Sale - 2 Sorrel mules, Samuel Fisher, Cumberland Co 717-776-3634.

For Sale - AC C motor fast $300 '68 Mustang 302 4 speed partially restored '68 Mustang for parts Leb Co 717-865-6860.

For Sale - 3 yr old ½ quarter horse filly Very gentle, but needs experienced rider Asking $650 Dauphin Co 717-469-7448.

Wanted - To buy or trade, tame ram w/Finn blood for fall breeding Berks Co 717-933-4606

For Sale - IH 205 combine 13' head Jamesway shuttle stroke barn cleaner for parts Perry Co 717-789-3384

For Sale - MF 410 combine, gas, 13' quick attach, grain head, cab, excellent cond., IH semi-mounted mower Adams Co 717-259-0473

Notice - Attn dairy farmers. Will do relief milking in the Berks Co. area, have references Selling straw, 3 btm plow 215-926-2861

For Sale - Reg. & grade Nubian kids Bucks & does, all sizes & colors, $25 -$75 Berks Co. 215-987-6098

For Sale Reg Nubian buck, dehorned & very gentle, $100 w/papers $75 w/o papers, Berks Co 215-987-6098

Wanted Good used 18 4 3U tractor tires 215 286 5052

For Sale - Portable hog shelter, 40 hog unit, w/12 hole feeder & heated waterer $1200 Chester Co 215 286-6574

MAILBOX MARKET

For Sale Beautiful reg Hatlinger mare, 2 beautiful reg quarter horse mares, Champion bloodline. 814-445-6358

For Sale - Goat kids, Alpines, Dairy Stock, Healthy Happy, pet or milk altered males, $35. does $50. Harford Co. 301-692-5269.

For Sale - IH 3 pt. 100 balance mower $575 3 pt. oliver 5 btm auto trip plow $395 717-354-0266.

Notice - Free 8' chicken feeders 10 & 15 whole nest some roll away nest hanging feeders, Irvin R Musser, 717-653-5859, 717-653-1826.

For Sale - Canvas belt conveyor 12" x 12' table width 3' w/motor, other 3 ph comprs 5 hp 3 hp Carbon 215 377-3749 eves

For Sale - Ford 501 mower needs, guards $300 NI 4 bar side rake $75. Deering, harrow, McCormick, $75 York Co. 717-229-2220

For Sale - Approx 300 sq. ft used siding barn boards $30. Lanc. Co 717-656-9876

For Sale - 5' weed Badger w/hyd. tilt head, excel cond new Cider press $150 Adams Co. 717 677-6536

For Sale John Bean model No. 63 55 gal sprayer good cond. $175 Lanc Co 717-354-9670.

For Sale - Ford Baler Model, 532 like new, $2000 or best offer Lanc Co 717-786-1949.

For Sale - 7' MC grain binder Good shape asking $100. Elmer E Fisher, 88 S Kinzer Rd Kinzer, Pa. 17535

For Sale - AC-WD tractor, good shape, good paint & tires. $1100 Locust posts for $3 each, round, for sawmill, 717-786-2938

For Sale - Used open buggy, 14 mo old grade Holstein bull Benjamin Esh, 2887 Stumptown Rd Ronks, 1 Pa 17572

For Sale - AC 180 diesel, wide front end w/front & rear weights, asking $4250 Lanc Co 717 786-7143

For Sale - Straw, $75/ton, tobacco bath $9 00/hundred, Jonathan E Fisher, 133 Buckwalter Rd. Lanc. Pa. 17602, 717-392-6121 after 7 p m.

For Sale - 9 yr mule 17 hands, well broke, 7 yr trotter standardbred, well broke Martin Reiff, RD1, Narvon, Pa. 17555.

For Sale - Side mount sickle bar mower, cultivators & 2 way plow for AC B tractor York Co 717-432-3991

For Sale - Cast iron water trough 8' long, excel. cond $100 Old antique type barn door hinges. Lanc Co 215-445-4971

For Sale - 15 & 30 lb. felt $6/roll Reduction gears 20-1 - 32-1 $15 each Ephrata Rd3, 215-445-6885

For Sale - 2 Holstein cow due soon third calf 3 bar steel wheel side rake Franklin Co Mercersburg, Pa. 717-328-5167.

For Sale - Farm in Juniata Co with or without machinery Perry Co. 717-957-3350

Wanted - Power take-off Hammer mill, 14" or larger, in reparable cond. Mifflin Co 717-248-7247 eves

For Sale - Mobile home 73, 12 x 60, 2 bedroom, furnished, excellent cond, occupied by single woman Schuylkill Co 717-648-7056

For Sale Forward control jeep truck w/tool box body & winch, needs work Nice Douglas Fir tree Lanc Co 717-872 5510

Wanted By collector Old photographs, documents, certificates, cigar labels, magazines, signs, etc 717-393-4336 Lanc Co

NOTICE:

Truck & Trailer classified advertisements are located in Section B with Real Estate and Mailbox Market advertising.

Deadline for Trucks and Trailers and Real Estate, Wednesday 5 P.M.
Mailbox Market Deadline, Tuesday 5 P.M.

MAILBOX MARKET

For Sale - 20 ton new orchard grass hay no rain $60/ton or $1/bale Union Co 717-922-1135.

For Sale Self feeding rack for trench silo, automatic grain feeder for trench silo, Brower Hog catch crate 717-665-2962

For Sale - 20' self feeding Schoessow roughage wagon, 16 hole nursery feeder stainless steel, Trojan hog waters new, 717-665-2962

For Sale Oak plank, ash boards, jeep truck cap, 75 acres ½ tillable, excel hunting Col Co 717 784 8885

For Sale Tams worth bred gilts, ready to Farrow soon, Isaac N Zook, Narvon R2, 17555, along 322 Rd

For Sale - Bred gilts Yorkshire some due to farrow any time 717 532-6079

For Sale - 15 bred heifers due July & Aug also 1 service age bull can be reg Union Co 717-966 1149

For Sale - 20 x 50 cable for power Trac Badger unloader & update kit rubber tire & ring, Union Co 717-966-2720

For Sale - 1 AC model A Gleaner combine 717-867 2962

Wanted - A NI hay crimper Union Co 717-966-3965

For Sale - Harvestore roller mill w/2 hp low profile w/lift conveyor, used very little $1500 717-532-7837

For Sale - IH Little Genious no 8, 2 btm tractor plow $100 9 x 7 overhead ga age door $40 Berks Co 215-488-1541

For Sale - Massey self propelled corn picker, good condition, went to narrow rows Lanc Co 717-733-8528

For Sale - Fiberglass insulation, 4' & 2' wide also 4' x 8' asbestos sheeting, Jonas E Esh, 534 Willow Rd Lanc Pa

For Sale 145 bu NI manure spreader #19 fair cond, junked spreader would go along free $250 Lanc Co 717-859-2374.

For Sale - Cub cadet 12 hp lawn tractor w/48" mower deck & hydrastate drive Lanc Co 717-393-7452 eves

For Sale Oliver 3 bt plow, 3 pt hitch, Oliver 2 bt plow, pull type, Case 4 bt plow, Bucks Co 215 795 2591

For Sale Used truck w/feed blower, good cond Overhead doors 14' high 20 wide, 5 ton scales, Atglen Pa 215-593-5149

For Sale 16 9x38 8-ply Fox 546 w/3 heads & new knives JD 214 forage wagon, Adams Co 717-528 4914

For Sale Reg. Jersey heifer open $500. 2 btm plow on steel $30 250 Gal oil tank Berks Co 215 323 6591

For Sale Grimms hay tedder, good cond 717-665 4985

For Sale Shropshire ewes & lambs to improve your flock All lambs are twins or triplets, Dauphin Co 717 545-7005

MAILBOX MARKET

Wanted - JD RWA disk for parts For Sale - Triplet ram lambs Suffolk western cross parents over 200 lb Adams 717-624-2414

For Sale - Barn kept good cond, AC #66 combine pto w/grain bin straw spreader & wind rower York Co 717-938-2630

For Sale - Old barn siding 12" wide any length up to 16' long, Sol S Stoltzfus, RD 1, Gap, Pa 17527

Wanted - 50-60 acre farm in York Co, Red Lion, Dallastown area 717-244-7314

Notice Will do small grain combining, Mount Joy, Elizabethtown area with AC conventional combine Lanc Co 717-653-1201

For Sale Combine, NH 975, 13' grain head, excellent cond, no custom-work, always kept in $5000 Lanc Co 215 529 2528

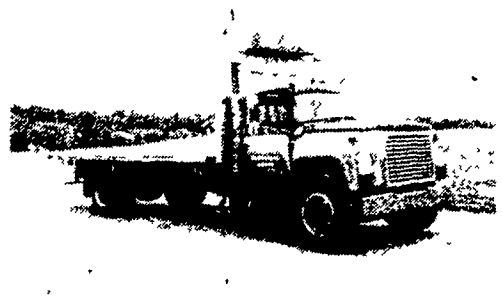
For Sale - 4 bred heifers 2 due in 6 weeks Other 2 bred 4 months Lanc Co 717-354-5039

Wanted - NH 1880 self-propelled harvester, in good cond gas or diesel & Barley right out of field Lanc Co 717-656-9764

For Sale - Jack Russel Terrier puppies also Jack Russel Terrier stud service Adams Co Pa 717-334-0400

For Sale Int #80 combine pull type in good working cond. $800 York Co. 717-632-7498 after 5 p m

TRUCKS & TRAILERS



'76 IN 1850, 3208 Cat. recently overhauled, 5x2 trans., 22' aluminum flatbed with high bulkhead, 33,000 GVW.

717-684-2228 or 285-3628

1971 CT805, 391 Gas, 41,000 GVW, 28' Bed, Unit Is In Good Cond.
717-367-1545

MAILBOX MARKET

For Sale - 70 acres second cutting alfalfa in field Will divide, Berks Co 215-926-2908

Wanted - 50 or 60 hp power unit Price & condition Edward S Good, RD 1, Box 232 A, Port Trevorton, Pa 17864.

TRUCKS & TRAILERS

For Sale - 1963 1 ton Ford truck. Also 730 JD tractor. 412-336-5582.

STORAGE TRAILERS - OFFICE TRAILERS FOR RENT. Economical, delivered. 301-771-4529.

Wanted - office trailer for construction job, 301-771-4529.

1972 Ford truck 52,000 GVW 20' grain box w/dump, just overhauled, $9500. 717-739-4637.

45' x 3-4 trailer smooth side, 1000 x 20 tires, slider, swing dorrs, 1972 brown, inspected, $2800. 301-771-4529.

TRACTOR TRAILER 1975 Diamond Reo, 1964 Parker Dump, unit price $12,500. 215-588-5146.

1978 Chevy, 3/4 ton, 4 speed, 30,000 miles, clean, rust-free truck from Southwest, $3595. 717-684-2242.

1970 Inter. with Haines bulk potato body, several hundred tomato boxes; wire bound corn crates. 717-648-5056.

Dump truck - good motor and hoist, needs minor repairs $600; also 1973 Honda Motorcycle, good cond., $350, Lebanon Co., 717-273-6018 after 6 PM.

TRUCKS & TRAILERS

1979 Chev. Series flatbed 2 speed ps with or without hoist, a real beauty; 1979 Chevy Scottsdale big ten auto., ps, pb; 1975 Ford F600 dump; 1975 GMC tilt cab 6500 series; 1974 Ford F600 14' flatbed dump, ps, 2 speed; 1973 GMC 6000 Series dump 5+2; 1973 Ford LN600 C&C, 1946 Ford CP, Northumberland Motors, Route 11, North'd Darville Highway, 717-473-9554 nights 717-374-8837.

TRUCKS & TRAILERS

Trailers for sale - 1976 42'x13 Trailmobile reefer, 24.5 Budds, side door w/Super NWD30, TK, $5800. 1971 40x13 Trailmobile reefer, 24.5 Budds, side door, NWD30, TK, $3800. 43' Brown flat, slider on 20, $2800. 40' Dorsey flat, slider on 22, $2600. 35' Fruehauf flat, $1000. 71 40' Fruehauf van, slider on 20, $1800. 35 and 40' storage vans for sale or rent. Keens 717-626-5420.

TRUCKS & TRAILERS

1974 Ford F350 12 foot cattle truck. 390 engine. Good condition. $2500. Warren County, New Jersey 201-852-3793.

1974 IH model 2050A 16' dump with blower. 215-869-9801.

1975 IH Loadstar 1600. 16' wooden cattle body. 1 owner, 50,000 miles. Excellent cond. 717-626-7509, 717-627-1144.

Wanted - 350 Chevrolet truck engine, automatic, must be very low miles, 215-723-7158.

TRUCKS & TRAILERS

'75 Morgan 30' van trailer, side door, 717-627-3839 or 626-6904.

For Sale - IH 2000D grain truck, 600 bu. cap. Air tag axle, 22 ton hoist, good cond., Warren Co., NJ 201-753-5313.

'70 D600 Dodge, 26000 GVW, 8000 mi. on rebuilt 361 V8, 5 + 2, 1000-20 tires, 16 foot dump, 9 foot roof rack, $4000. Lebanon Co. 717-865-2711.

1962 IH model 1600 with 17' flat bed dump, 215-869-9801.

PICK-UPS

1981 Ford F250 Custom, 300 6-Cyl., 3 Speed, PS, PB, 21,000 Miles **$6995**
1981 Chevy C10 Custom, 305 V8, Auto., PS, PB, AM Radio **$6995**
1981 GMC Sierra 305, V8, Auto., PS, PB, AM-FM, Chrome Rails, 2 Tone Red & White **$7495**
1981 Ford F100 Custom, 300 6-Cyl., 3 Spd. with Overdrive, PS, AM Radio **$6995**
1980 Chevy El Camino Royal Knight, 4.4 Liter V8, Auto., PS, PB, AM-FM Stereo, Tilt Wheel, Cruise Control, 2 Tone Black & Silver, 31,000 Miles **$6995**
1980 Ford F100 Ranger XLT, Short Bed Step Side, 302 V8, Auto., PS, PB, AM-FM Stereo, 2 Tone Paint **$7495**
1979 Datsun, 4 Cyl., 4 Speed, AM-FM, 30,000 Miles **$4695**
1979 Ford F150 Custom, 300 6 Cyl., Auto., PS, PB, AM Radio **$5795**
1979 GMC Sierra, 305 V8, Auto., PS, PB, 29,000 Miles **$5995**
1979 Ford F100, 302 V8, Standard Shift, PS, PB **$4995**
1979 Plymouth Arrow Sport, 4 Cyl., Auto., AM-FM Aluminum Cap **$4895**
1978 Ford F350 Ranger Camper Special, 460 V8, Auto., PS, PB, Air Cond., AM-FM & Tape, Dual Tanks .. **$7495**
1978 Dodge D100 Short Bed, 6 Cyl., 4 Spd. Overdrive, AM-FM & Cassette **$4295**
1970 International 1/2 Ton, V8, 3 Spd., AM Radio **$1495**

SUBURBANS

1981 GMC Sierra Classic, 350 V8, Auto., PS, PB, AM Radio, Rear Heater, 2 Tone Paint, 26,000 Miles **$8995**
1980 Suburban 4-Wheel-Drive ¾ Ton, 350 V8, Auto., PS, PB, AM Radio, Lockout Hubs **$8495**

STAKE BODY

1973 GMC 500 Stake Body, 350 V8, New Short Block, 4 Spds., PS, 18,500 GVW, 12' Body **$3995**

DUMP TRUCK

1975 Chevy C65 8 Ft. Dump, with commercial size plow, 427 V8, 5 Speed, 2 Speed Rear, 10x20 Tires, 28,000 GVW **$8995**

VANS

1981 Ford 15 Pass. Super Van, 351 V8, Auto., PS, PB, Front & Rear Air Cond. & Heat, AM-FM Stereo, 32,000 Miles **$10,500**
1979 Dodge B200 Panel Van, 318 V8, Auto, PS, PB, AM Radio **$5495**
1979 Dodge B200 Maxi Cargo Van, 360 V8, Auto., PS, PB. .. **$4995**
1978 Ford Chateau Club Wagon, 5 Pass., 460 V8, Auto., PS, PB, Air Cond., Dual Tanks, Tilt Wheel, Cruise Control, 44,000 Miles **$6995**
1977 Chevy Short Wheel Base Window Van, 5 Pass., 350 V8, 3 Speed Standard, PS, PB, AM-FM & 8-Track **$4295**
1972 Chevy Camper Van, with Pop Top, Stove, Refrig., Sink, Air Cond. **$3495**

4 WHEEL DRIVES

1980 Suburban ¾ Ton, 350 V8, Auto., PS, PB, AM Radio, Lockout Hubs **$8495**
1980 Chevy Scottsdale C10, 350 V8, Auto., PS, PB, Air Cond., Lockout Hubs, 2 Tone Red & Maroon **$8495**
1980 Chevy Blazer, 6 Cyl., 4 Speed, PS, PB, AM-FM Stereo, Lockout Hubs **$8495**
1979 Chevy C20 Cheyenne, 350 V8, Auto., PS, PB, AM Radio, 2 Tone Green & White **$6995**
1978 Subaru Brat, 4 Cyl., 4 Speed, AM Radio **$3995**
1978 Ford F250 Crew Cab, 351 V8, Auto., PS, PB, AM Radio, Lockout Hubs, Toneau Cover, 48,000 Miles **$7995**

UTILITY BODY

1980 Chevy C30 with High Utility Body Covered, 350 V8, Auto., PS, PB, Air Cond., AM Radio, Dual Tanks, 40,000 Miles **$8995**
1980 Chevy C30, Dual Wheel, with Morreysville 10' Utility Body, 454 V8, 4 Spd., PS, PB, Dual Tanks, 10,000 GVW **$8995**

MOTOR HOME

1980 Winnebago Brave, 26' Motor Home, Loaded, 15,000 Miles....
$24,900

MIKE RHODES & CO.

"THE TRUCK PEOPLE"
Rt. 663 & Swamp Pike, Gilbertsville, Pa.
Area Code 717 or 215 Call Toll Free
1-800-362-7655
or 215-327-1380

WE ARE NOW AUTHORIZED OLDSMOBILE DEALERS!

TRUCKS & TRAILERS

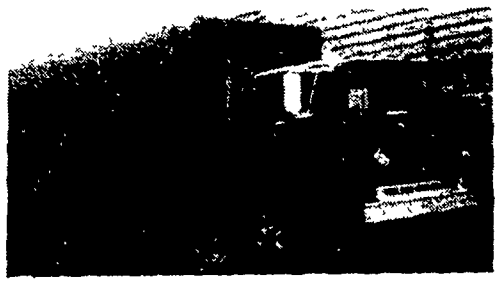
For Sale - 10' wood livestock body. 20' Morgan van body. 20' van body. M.H Eby, Inc., Blue Ball 717-354-4971.

For Sale - Used combine trailer, some with expandable sides to 12 ft. and power tail gate at a fraction of a new cost. Will do some bordering if needbe. 814-623-9696.

TRUCKS & TRAILERS

Wanted - Trucks and Storage trailers. We also buy trucks for parts and truck parts, motors, trans and rears. Gas or diesel. Berks Co. 215-944-9871.

5 ton army truck dump, tandem all wheel drive, 11.00x20 tires, 5 speed trans., hi-lo range, $4600, 609-769-3183.



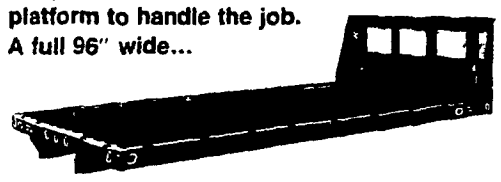
1972 FORD DUMP TRUCKS
56000 - Gross Diesel Motor
Cat 225 - Tandem Screw
Air Brakes, 13-speed, 20x11.00 Tires,
21' Bed, 22 Ton Hoist
Will Sell Very Reasonable
Cumb. Co.
717-776-5495

*4-1980 Colts, auto. and 4 speed
Special price
*1979 Volari 2 door coop, 6 auto; like new
*1976 VW Rabbit
*1981 Escort GLX, air
*1982 TC3, 2 door, 1 owner
*1980 Chevy Citation Coop,
15,000 original miles
*1970 Chevy ½ ton pick-up,
Special $995
*1976 Pontiac Astra Wagon, low miles
*2 - 1981 Omni, stick & automatic
*1978 Omni, 4 door
*1981 B-350 Van, 9000 GVW

PETTICOFFER DODGE, INC.
Route 230 East Next to Shopping Center
Elizabethtown, PA
PHONE: 717-367-1808

Performance Proven
Platforms

Whatever your hauling requirements, Omaha Standard has the platform to handle the job.
A full 96" wide...



■ **STANDARD heavy-duty platforms**
The platform that set the standard for the industry For bodies 9'6" and longer, a full 96" wide. Wood, smooth steel, treadplate steel or steel over wood flooring

■ **METRO medium-duty platforms**
A rugged yet economical platform Ideal for rental and leasing operations. Floor options include wood, smooth steel or treadplate steel. 96" wide for bodies 9'6" and longer

■ **SUPER DUTY platforms**
The *extra* tough platform with *structural steel construction* throughout and 3/8" thick banding rail on both sides and rear Standard lengths from 12'6" to 24'6" long and a full 96" wide. Other lengths built to order. Floor options include 2" edge grain laminated wood, smooth steel, treadplate steel, smooth or treadplate steel over wood.

■ **"COMPAK" platforms**
For economy size pickups Available in four sizes: 7' or 7'6" long x 72" wide and 7' or 7'6" long x 78" wide for dual tire trucks Wood or steel floors.

Options for all platforms include bulkheads, stake racks and tool boxes

FARMERSVILLE EQUIPMENT INC.
RD 4, East Farmersville Road
Ephrata, PA 17522
Located in the Village of Farmersville, Lancaster County
717-354-4271
Omaha Standard

REAL ESTATE

Wanted - Old barns and other out buildings, will pay cash S & T Salvage 717-456-7583 RD#3, Box 80 Delta, Pa. 17314.

Montg. Co. East Greenville PA. Picturesque 31½ acre farm joins golf course, air strip, stone colonial, walk in F.P., random width floors, original log cabin deed to 1683, windmill, barn for steers or horses, stream, 3 acre woods, alfalfa, oil gas lease, $198,000 by owner, 215-845-7845.

Mohawk Valley-Beautiful 4 bdrm. split level contemporary. Fantastic view of valley! NYSTA exchange #27. $110,000. Real Estate by George Holiday Inn Amsterdam N.Y. 12010 (518) 842-1591.

Meadow with stream for rent for the summer- for 8 to 12 steers or heifers, $200; routes 340 and 10 at Compass, PA between Turkey Hill Store and School House Inn, call any evening from 8 PM to 11 PM, 717-442-4207.

For Sale - 415 acre Grade A dairy farm; 96 stall barn with pipeline and attached heifer barn; 2 homes; land contract; $365,000. Deneys Brothers Farm, R.R.#2, Box 246, Marinette, Wis. 54143, 715-735-5193.

Crawford Co. PA - 184 acre farm, 150 acres tillable, 20x60 Harvestore silo, 37 cow stanchion barn and other buildings, can be purchased equipped or bare, 814-587-3560.

TRUCKS & TRAILERS

1972 Chevy triaxle dump truck, good running diesel, 717-286-6096.

For Sale - two 5th wheel flatbed trailers, one 28' and one 30' both with 8' goosenecks, good for hay or machinery, can be seen at Good's Auction, Leola, PA. For information contact Robert Kemmerer Box 100 Palmdale FL 33944, 813-675-1852.

1968 International w/14' body, hoist and blower. 717-354-0301.

For Sale - 1971 Ford school bus, 66 passenger, very good condition. $2000. 301-877-1703.

For Sale - 1979 Chevrolet C60 truck w/18' Jerdan rollback bed, 21,000 miles, 22 GVW, mint condition. 717-258-6158 or 717-766-9582.

IH 1700 '66, 71,000 miles, 14' grain body, body good, engine runs but could use work, $1500, 717-382-4663. York Co.

70 IH C01810A, 392 engine, 5+2, 33,000 GVW, 18' aluminum grain body, hay rack and dual action tailgate. Lancaster County 717-786-1882.

1975 19' Shasta travel trailer, fully equipped, Carefree awning, equalizer and sway bars, hhitch, everything like new 717-687-7487.

For Sale - tandem axle grain truck, 19' bed with hoist, 500 bushel, diesel, good running cond., 717-733-9723.

For Sale - 1962 Diamond T lime truck, 33,000 GVW, 5+2, 10-20 tires, MD insp., $3800. William N. Ensor 301-357-8314 or 357-4073 Balto. Co.

1981 VW Pickup Dsl., 4 Spd., $4,395; 1971 C-10 Chevy, V8, Auto., $1,095. 717-733-4422 Dlr.

1974 Mack twin screw, 5 speed transmission, 237 engine; PS, radial tires, $11,500.
Complete MACK Tandem axle rears; late model, excellent component for glider kit, $2500, one owner, excellent condition
717-442-4273

REAL ESTATE

For Sale By Owner - 208 acre dairy farm located in North Central Penna. Buildings include 2 story brick remodeled home, tenant house, 69 stanchion barn, 30'x60' flatland barn and numerous out buildings. Write Box 366 J-278, Lancaster Farming, Lititz, PA 17543.

For Sale - 40 acres good farmland in Missouri, plus 3 bedroom house, garage, barn, new deep well, all for $41,900, 607-589-4578 or 417-548-2727.

44 acres Cecil County Conowingo, partly wooded w/stream, included is mobile for temporary housing while building. 301-939-2774.

For Sale - 68 acre dairy or beef farm, Berks Co. PA, 60 acres tillable, 4 bedroom house all conveniences, large barn, sheds, silo, ½ acre pond, some owner financing, 215-693-5624.

168 ACRE SUPER FARM - Remodeled 5 bedroom nice house, wood/oil heat, 3 ponds, borders 900 acre tract PA Game Lands; gravity spring-all buildings, 2 barns, 70 stanchion, 3 silos, 80 tillable, 50 woods, 38 pasture, paved road, $120,000. Endless Mountain Real Estate Co. - Bradford County 717-596-3228 "Free Mini-Catalog" Acreage, Farms, Cottages, Lake Property; Box 190, RD 1, Gillett, PA 16925.

Minnesota's finest dairy, 85 tie stall barn, produces over $740. per day in milk, St. Charles Minn. Write or call for Brochure, Realty Markets, Inc., 2824 Fairview Ctr. S.E. Rochester, Minn. 55901 (Big Rog) 507-282-3232.

756 acre dairy, 5 barns, shop, lakes, creek, springs, 2 homes, hard top road, milk winters, all or part, $495,000, 901-584-8057, Dwayne Noles RR3, Camdem TN, 38320.

Minnesota Dairy Farm $900 per acre, 50 cow parlor barn, for sale on easy contract for deed. Realty Markets, Inc., 2824 Fairview Ctr. S.E. Rochester, Minn. 55901 (Big Rog) 507-282-3232.

171 Ac., 90 ac. timber, Prvt. $79,000. Mobile hm. on 7 ac. Potter Co. $15,000. FREE LISTS, ERA-Homestead Rlty, 168 W. Main, Westfield, PA 16950, 814-367-2222.

TIOGA Co. Hunting camp nr. State Land. 2 BR. $8,000.
46.32 Ac nr. State Game Lands $28,500.
$28,500.
FREE LISTS
ERA-Homestead Rlty, 23 E. Ave. Wellsboro, PA 16901, 717/724-7161.

Farm- Central New York, 145 Acre, excellent barn, pond, 55 acre wooded, 70 tillable, remodeled house inside and out, excellent location, $110,000 owner, 607-849-6193.

6 miles southeast of Honey Brook - 118 acres with house $1940 per acre - owner financing - call Hayes Oxford Inc., 215-932-3092.

191 acre farm, Washington NJ, old stone house, 2 streams, principals only, 201-362-6565.

9% owner financing on more than half of the purchase price of this 118 acres @ $1940 per acre - Martin's Corner, Chester County. Call Hayes Real Estate 215-932-3092 or evenings 717-354-9534.

Horse breeding - training - boarding farm on 10 acres, 20 stall barn w/attached indoor arena. 3 bedroom stone house, 1½ bath, 2 car garage, stream and view, $140,000. 215-250-9336.

6 miles east of Compass - 118 acres $1940 per acre with log and stone house. Call New Holland evenings 717-354-9534 or days 215-932-3092 - Hayes Oxford Real Estate

REAL ESTATE

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner. John Strawbridge, 301-996-2022.

Farmette, 12.66 shares, for sale by owner. 717-259-9983.

50 acre farm for sale within Mennonite area. 25 acres in rye, rest could be farmed. Robert Hopkins, owner. Penn Yan, NY 315-536-8092 between 6-7 AM

For Sale By Owner- 360 acre dairy farm, 155 acres tillable, 95 tie stalls on pipeline, 1000 gallon bulk tank, heifer barn, attached machine shed, two 20x50 silos with unloaders, good 10 room house, 2 bedroom trailer, located in Central New York, $135,000, write to Lancaster Farming, PO Box 366 J-274, Lititz, PA 17543.

Beef or horse farm, barn, slaughter house, approx. 20 acres pasture with stream, 45 tillable, beautiful ranch home, 3 bedrooms, 1 and ½ baths, full basement, 2 car garage, location south of Wellsboro, owner will partially finance 717-724-7466.

For Sale by owner - Beautiful remodeled 4 bedroom farm house, custom oak kitchen, wall to wall carpet, dining room, living room and TV room w/fireplace, large garage in basement, oil baseboard heat and wood stove, beautiful view on 8½ acres, outbuildings include 2 large poultry houses 30x120 two story that could be used for other purposes also, must see to appreciate, reduced for quick sale. 717-582-2352. 717-582-2358 Perry County.

Beautiful working horse farm, 50 acres, steel buildings, modern apartment. Owner retiring. Make offer. Phone eves. 609-466-3426.

3 acres of ground for sale, about ¼ mile from town limits. 302-284-9327.

Little Falls 200-+ acre farm, remodeled 4 bedroom house, tie stall for 60 head. Bare or equipped. Free brochure and details on other property Listings in Mohawk Valley; Jennie Bauder Real Estate Broker, Box 282, W. Main St., Nelliston, New York 13410, Phone 518-993-2065.

70 acre farm and home, investment property, west end of Chambersburg, PA. Pasture, tillable land, creek, farm pond, well, sewer line. Owner 717-263-4705.

Farmette - 10 yr. old house with 12½ acres land, approx. 4 acres of fruit trees, 4 acres Spruce and Pine, pond, woods, Mansfield PA, 717-662-3381, Tioga Co.

FOR SALE BY OWNER - Poultry farm (excellent condition), located on approx. 14 A. Juniata Co. 344' cage layer 15,000 cap., 3-story block pullet raising facility, 11,000+ cap., nice home (well insulated 2-story 3-bedroom). Yearly income $30,000. Presently operating with contracts. Partial financing at 5% ($20,000) price $85,000. 717-463-2393 or 717-837-3131.

New York State near Clyde, 86 acre farm, 10 room house, needs work, trailer set up, excellent barns, 40 acres choice fruit, 40 tillable (equipment) $70,000. owner finance. For appt. Ron Vitticore, Broker after 5 p.m. 315-923-5651.

400 acre dairy farm on Lake Ontario - 2 sets of excellent bldgs. $200,000 Owner will finance. John G. Weiler, Three Mile Bay, NY 315-649-2455.

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

REAL ESTATE

NEW LISTING
SPECIAL MENTION

126 acre dairy farm w/Surge pipeline for 56 stalls. 5 year old barn cleaner/14 x 50 silo w/unloader & large farm pond. 4 bedroom frame house in good condition. Take over now for excellent financing proposal. Only $100,000 down includes full line of cattle & equipment which is in very good condition. Call today for more information on this beautiful farm.

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Harlan Keener, Willow Street, 717-464-2669
Mahlon Oberholtzer, Lancaster, 717-392-1177
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DAIRY FARM with 160 acres, bank barn, loafing area, bulk tank, 4 milking units, other out buildings, with 8 room farm house and two mobile homes, only $225,000.

BEEF OR DAIRY FARM with 42 acres, bank barn, pole barn, good well, spring, good location, ask for details $79,900.

DAIRY FARM IN FULL OPERATION, over 89 acres, 5 bedroom home, loafing barn, ask for details, $260,000.

RICH AS COUNTRY CREAM, new dairy house, milking barn, large 2 story home with 126 acres, good road frontage, assumable loan, asking $164,900.

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Beautiful all brick and all electric ranch home, double garage with electric door. Immaculate home, living room with brick wall, fireplace, including planters and mural. Dining room, modern kitchen with dishwasher and disposal. 3 bedrooms, full bath plus 2 half baths. A large delightful family room and laundry. Panoramic view, rose garden and fountain.
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North 501, left on Newport Road, ¾ mile, house is on right.

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DAIRY

Feed lot for 300 steers, 2 homes, (2) 20x50 and (1) 20x30 Harvestores, large shop, 100 acres, 70 tillable, $169,000. Additional 100 acres available. Call Peter

32 acre farmette, 25 tillable, remodeled 3 bedroom home, garage, chicken house, $45,000. Excellent terms. Call Peter

137 acres, new horse stable, butcher shop & machine shed, large bank barn set up for sheep, pasture w/pond, 60 tillable, $150,000. Call Peter

Bloomsburg Farm, 69 acres, 65 tillable, 3 bedroom home, $140,000. Owner financing. Call Peter

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62± acre general farm, 12 room home, coal or oil heat, bank barn, $75,000. Call Peter

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38 ACRE FARM - with a double dwelling with modern conveniences. Frame bank barn, frame two story building, tobacco shed, corn barn East of Myerstown

10 ACRE FARMETTE - Near Denver $74,500 2½ story frame aluminum sided dwelling with modern conveniences 40' x 54' frame bank barn, Northern Lanc Co

23 ACRE FARMETTE - 3 bedroom dwelling with conveniences Extra income from rental of mobile home. Barn, 3 story building and smaller building. $440 monthly income from rental of mobile home barn, and other buildings Near Reading

188 Acre General Farm	Cumberland County
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30 Acre Commercial Farm	Lancaster County
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A NY/PA BORDER DAIRY FARM

48 stanchion barn w/drive in addition for storage, shop & extra heifer stalls, 5 ton feed bin, 180± acres, farm w/mostly level fields, approx. 160 tillable, 4 Bdrm farm house, also 2 improved trailer sites w/hookups, existing FHA loan, just $82,500 M-518 PH: 717-662-2138

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613 acres dairy, 200 freestalls, 25x90 Harvestore, 2 large concrete, good 4 bedroom house, good soil, 10 rental units, $475,000, excellent terms.

1200 acre top cash crop, good terms, low interest, $1,175,000.

156 acre near Alvern, NY, large basement barn, very good 4 bedroom house, large shop or sales room, asking $175,000 make offer.

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160 acres, 4 bedroom home, excellent lake view, $165,000.

Good operating marina w/frontage on Cayuga Lake, $220,000.

Very good service station operation in prosperous farm section, since 1930, owner retiring, make offer.

Low taxes, good financing, excellent terms.

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#401: Showplace farm with loads of potential. 230 acres, good 9 room home. Very nice 70 cow barn plus other barns. Excellent setting. Asking $260,000.

#402: Delaware County. New Listing. 377 acres. 225 tillable, 100 cow free stall barn. Double 8 parlor. 2 good homes. 20x90 and 20x60 Harvestores, auto feeding system, many extras. Asking $350,000. Must see and make an offer.

Delaware County. 180 acres with decent 40 cow barn, with pipeline and tank. Older home, attractive setting. 37 good young cow dairy and equipment. Complete for $169,000.

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LEBANON COUNTY DAIRY FARM

60 acre farm 44 stanchion, pipeline, bulk tank, bank barn, 2 silos, manure loader, steer pens, heifer shed, all excellent condition Spring fed pond in 10 acre fenced pasture Frontage 3 sides All bldgs with southern exposure Large 2,280 sq ft brick house + summer house. 1800's beautifully restored & remodeled Kitchen looks like Armstrong ad Landscaped Newly macadamed lane Beddington loam high state of cultivation Possible rental field adjoining

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ON 89 ACRES - Magnificent Pre Civil War Stone home in lovely setting featuring 4 bedrooms, den, family room, game room, 3 fireplaces, barn, 3 car garage with workshop plus outbuildings. $375,000 (8214)

DAIRY FARM — Ideally located, available with or without herd, milking equipment, and farming equipment. Excellent crops, bank barn, silo, free stall barn with 64 stalls, loafing area, metal equipment shed, manure pit and other buildings. 2½ story brick and aluminum house in good condition. $269,000 (11050)

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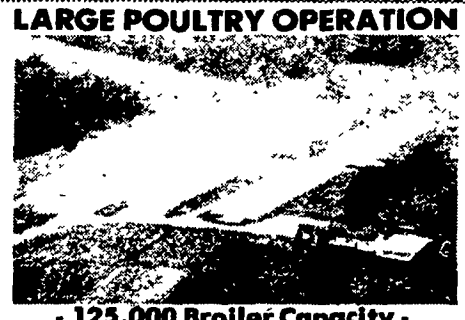

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Private

61 acres, 30 tillable, woods and pasture. Fronts on 2 roads. good access. Real nice 5 bedroom, 1 story house, 2 car garage in basement, natural gas heat. 2 story barn, in good condition, spring water. 16x32 in ground pool Woodhull area of Southern New York $56,000.

Dairy Farm

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Snyder Co., Chapman Twp., 130 acres general farm, approx. 100 acres tillable, 2 story frame dwelling, bank barn, outbuildings. Asking $1,000 per acre or best offer. Must settle estate. 717-374-8333. 215-822-3822

Fireside Realty Real Estate, Danville, PA 717-275-2677. Columbia County operating dairy farms, one w/170 Ac. 67 cow free stall barn w/automatic bunk feeder, bank barn w/flat parlor pipeline and storage, 20x80 and 20x40 Harvestore silos plus other outbuildings. Large 4 BR house on macadam road, $375,000. Second one had 50 Ac. w/52 stanchion bank barn, 20x60 cement silo w/unloader. Two story house, $150,000. Call George Boudman 717-458-6668.

$1940 per acre - 118 acres with house. Owner financing Martin's Corner, Chester County. Call Hayes Oxford, Inc. 215-932-3092 or evenings at New Holland 717-354-9534.

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DAIRY FARM
2 HOMES
2-BARNS

Bradford County, Pa.; 298 acres; well maintained fencing; private trout fishing stream; paved highway frontage; main farmhouse has 8-rooms & bath; income-producing 7-room & bath tenant house; main barn with 40 stanchions; milk house; tile silo; 2-car or truck garage; 2nd barn 40x60; easy reactivivation possibilities. No. C-7869. WEST REAL ESTATE AGENCY, INC., R.D #2, Box 120, Gillett, PA 16925 or call (717) 537-2400.

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In the beautifully serene Path Valley with view of the Tuscarora Mountains; 10 minutes to Pa. Turnpike at Willow Hill; 40-acre farm with spring & stream; 9-room home with 1½-baths; 2-car garage; 40x60 barn; milk house, poultry house, quiet paved road with school bus service. No. 7652 WEST REAL ESTATE AGENCY, INC., R.D. #1, Honey Grove, PA 17035 or call (717) 734-3476.

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120 acres, 20 mile from Carlisle, nice level fields, several ponds and stream for irrigating, large bank barn and house with all improvements, large mobile home on property, owner will offer financing. Call 717-249-1165 after 5 PM

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174 ACRE DAIRY, 80 tillable, 52 cow barn, 650-gal tank, 2 silos, mach. shed, 6-rm & bath home, 9% owner financing with at least $20,000 down. $150,000.

106 ACRE DAIRY, 80 tillable nearly level, 29 cow barn, cleaner, 430-gal tank, mach, storage, 8-rm & bath home, attractive owner financing with 20% down. $85,000.

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Productive 74 acre dairy farm.

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20 acre dairy farmette, 8 tie stalls, silo w/feeder.

FRANKLIN CO.

124 acre general, 95 tillable, plus buildings. 2 story frame dwelling, bank barn

91 acre dairy. Owner financing.

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126 acre general, restored 2 story brick dwelling, beautiful location

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122 Acre Beef Farm, 175 Feedlot

136 Acre General Fam, Beef Barn, House (poor condition)

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G.D. Hannum, Realtor

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47+ acres, 3 bedroom farm house, pond, excellent location ¼ mile from U.S. Rt. 1 bypass. This property must be seen to be appreciated. Road frontage $240,000.

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BEAUTIFUL CORTLAND COUNTY: 351 acres with 138 tillable with stream through. Home has very pretty lines, 12 rooms, hardwood floors, cut stone foundation. Barn has 20 stalls, measures 40x120. Machine shed. JUST LISTED! $138,000 or buildings and 75 acres for $58,000 or 268 acres bare land for $80,000. For appt call: 607-863-3993 or WIMPLE'S SLOANSVILLE OFFICE: 518-875-6355

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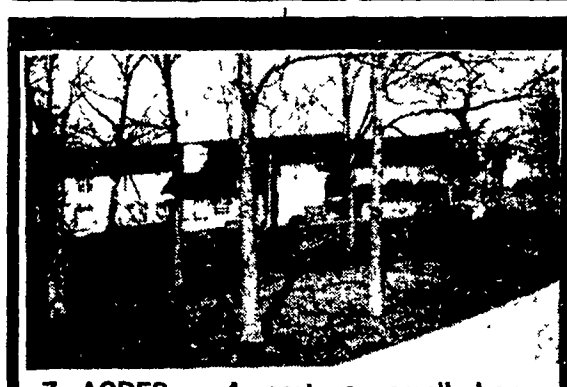

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L shaped barn w/40 stanchions, gutter cleaner, lots of hay storage. 85 A till. 45 A pasture w/stream. Lg. home w/1½ baths & fireplace. 29% down, 9½% int. 20 yrs. Also 150 A farm for $54,900 possible. Steuben Co. NY C-929

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Bubbling springs, sewage site, access & privacy, plus 19 Ac. of sloping woodland all borders State Game Lands. Gaines area. 20% down pymt, 10½% int., 5 years. Priced at $11,500. C-870

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Amish farm, 83 acres, 80 tillable, 2 houses, harness shop, dairy barn, silo & milk house Priced under $170,000. Fall possession or spring of '84 In high state of cultivation

Adjoining neighboring farm with 2 lg. silos, brick house and dairy barn, 42 acres for less than $135,000.

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114 acre modern dairy w/12 unit milking parlor 2 large Harvestores and 2 large cement stave silos all w/unloaders, room for 180 cows or more in the modern freestall barns, large Harvestore Slurry and 1500 gallon bulk milk tank See it today, w/possession to suit your schedule Lots of road frontage, large pond and modern ranch house Priced just over $3,800 per acre

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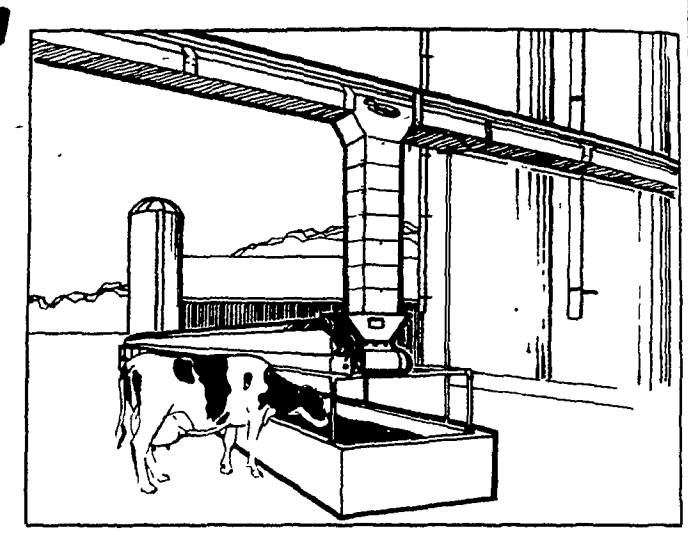

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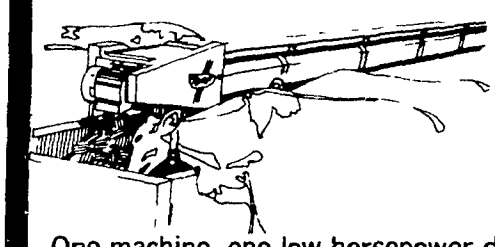

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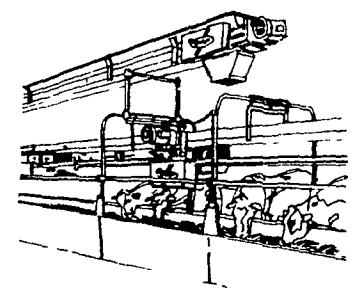

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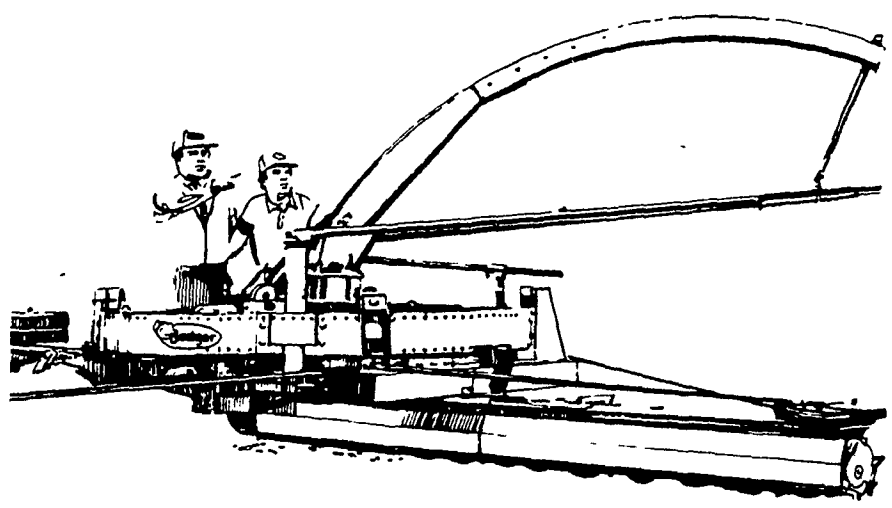

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Swiss Miss selected

Brown Swiss Breeders plan national convention

BY DONNA McCONAUGHEY

LEBANON — The threat of rain did not dampen the spirts of Brown Swiss breeders as they gathered for their Annual Summer Picnic at the Gary Mase farm in Lebanon County last Saturday.

This year's picnic boasted two very important agenda items. The first item of business was to select the 1983 "Swiss Miss." The successful contestant was sixteen-year-old Jody Fry, of Beaver Springs.

Jody is the daughter of Mr. and Mrs. Larry Fry and is a student at West Snyder High School, where she is secretary of the FFA Chapter. She also plays basketball and is involved in several vocal music groups at school. Jody owns six head of Brown Swiss cattle herself and her family milks 50 head of Swiss cows.

According to Jody, Brown Swiss is the breed to own because of their easy temperament and longer period of milking. She also adds that "with protein pricing just around the corner, Brown Swiss's high butterfat and protein content will make them even more profitable." Confidently Jody adds, "Everyone is going to recognize Brown Swiss as the best one day."

This is exactly the story Jody will promote as she represents the Pennsylvania Brown Swiss Breeders at the All-American Show and Sale, Pennsylvania Farm Show, and the National Brown Swiss Convention and Sale.

The 1983 National Convention and Sale was the second item of business for the picnic as Pennsylvania will be hosting this annual event on November 9-12 with the headquarters being the Host Farm Resort in Lancaster.

Final plans were made for the three-day event which will feature activities for men, women, and junior members.

Highlights of the convention include three seminars: "Good Flavor Sells More Milk" by Sidney Barnard, Professor of Food Service Extension; "Farm Use of the Computer" by Jud Henricks, Assistant Professor of Dairy and Animal Science; and "Marketing Dairy Products" by Louis Moore, Professor of Agricultural Economics Extension, all of Penn State.

In addition, Home Economist Fran Horst will present a workshop for the ladies on how to prepare beef dishes using a wok

Youth Activities include several seminars, tours, a dance, and guest speaker Doug Hershberger, former FFA State President.

The finale of the three-day event will be the National Brown Swiss Sale. Wayne Silker, Sale Manager, is excited about the cattle already offered for the sale. He believes one of the highlights will be four top bulls which not only are superb in their own right but are out of some of the best cows in the Brown Swiss breed. This event will be held at the Lebanon Fairgrounds and according to Silker, "looks like the best offering of cattle that we've ever seen at a National Brown Swiss Sale."

Pennsylvania Brown Swiss Association President, Don Trimble, points out that all National Convention events will be open to anyone and are not limited to Brown Swiss Breeders.

Brown Swiss breeders also added their congratulations to 16-year-old Allen D. Daubert of Pine Grove who won the District Brown Swiss Youth Production Award and was second in national competition with his two-year old cow.

Anne Daubert, 1982 Swiss Miss, crowns her successor, Jody Fry, of Beaver Springs.

And where should the new Swiss Miss be? In barn, of course, with a Brown Swiss.

Wayne Silker, of St. Parish, Ohio, promotes his breed with license plate on front and back of his car.

Paul Miller tends the roasting pig at Brown Swiss picnic. Behind him is Gary Mase, picnic host.

Judy Ann Mase, 11-year-old daughter of Clarence and Arlene Mase, Lebanon, has appropriate attire at Brown Swiss picnic.

Kephart gets Del. post

NEWARK, Del. — Ken Kephart has been employed as the University of Delaware Cooperative Extension Service's new livestock specialist, according to Samuel Gwinn, extension director. Kephart holds a master's degree and doctorate in animal industry from Penn State, and has experience in both commercial swine production and extension.

After completing his undergraduate studies at Penn State, he worked several years as a herdsmen' for large farrow-to-finish swine operations in Pennsylvania and New York State. The Pennsylvania farm also had a 50-cow beef herd.

Kephart entered graduate school with the idea of going into extension work. While studying for this doctorate, he served as assistant to the Pennsylvania extension livestock specialist and later as acting specialist for one year.

His master's degree research was on swine reproductive physiology. His Ph.D. research concerned low protein diets and amino acid supplements for growing pigs.

Kephart replaces former livestock specialist Richard Fowler, now assistant extension director. The new specialist will be located at the University of Delaware substation in Georgetown. Though his primary responsibility will be swine, he also will be available to producers of other livestock in the state.

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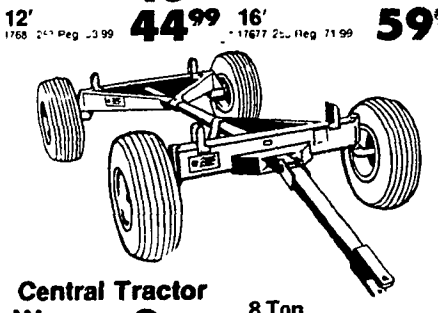

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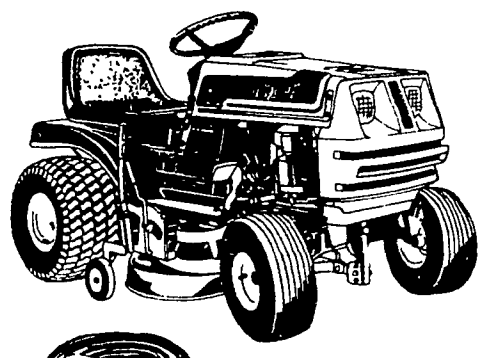

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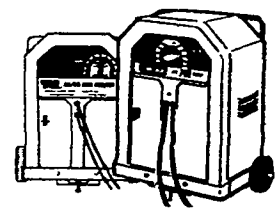
Synchro-balanced engine, key ignition, electric starting, sealed beam headlights and a heavy duty Transaxle with disc brake & automotive differential section, 6 forward speeds, 1 reverse. Available with either a 36" rear discharge twin blade cutting deck, or a 42" side discharge triple blade deck.

949.99

Reg. 1029.99 / SAVE 80.00
22843-258 Side Discharge

Dynamark 11/36 3 Speed Rider

Heavy duty direct drive transaxle with automotive differential section & disc brake. 3 forward speeds, 1 reverse. 36" cutting deck.



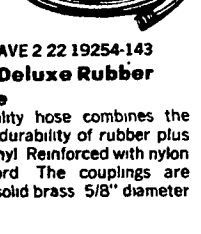
139.99

18040-115

Lincoln 225 Amp Arc Welder

Includes ground clamp. Insulated electrode holder, 15' electrode cable, 10' ground cable, 6' input cable with plug, female receptacle and helmet. Uses 220 volt, 60 cycle power source. Wheels not included. AC/DC Lincoln 225 Amp Arc Welder 18121-115

Reg. 293.99 . NOW 273.99



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Reg. 14.99 / SAVE 2.22 19254-143

5/8"x75' Deluxe Rubber Vinyl Hose

This top quality hose combines the strength and durability of rubber plus flexibility of vinyl. Reinforced with nylon truck tire cord. The couplings are nickel-plated solid brass. 5/8" diameter, 75 ft. long.

109.99

Reg. 124.99 SAVE 15.00
22910 258

20" 3 H.P. Rotary Mower

20" Side Discharge 3 H.P. Briggs & Stratton engine with and extended recoil starter handle mounted throttle control with non kink cable and a 1" to 3" height adjustment. Wheels are 7" with diamond tread tires.

1399.99

Reg. 1599.99 / SAVE 200.00
22745 258

Dynamark 16 Hp. Tractor & 42" Mower

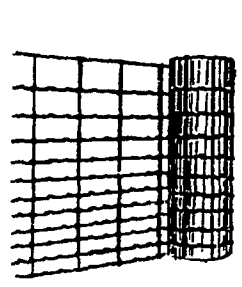
Includes 42" triple blade mower deck, twin cylinder Synchro-balanced Briggs & Stratton engine, electric start, 4 speed Transaxle.

1349.99

Reg. 1449.99 SAVE 100.00
22868 258

Dynamark 11/36 Integrated Collector

11 H.P. Synchro Balanced B & S engine, 36" twin blade rear discharge cutting deck, H.D. transaxle, 3 speed fwd, 1 rev.

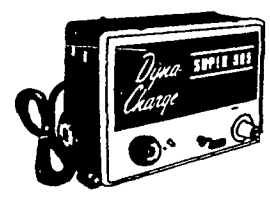


99.99

Reg. 113.99 / SAVE 14.00
24678-282

39" Field Fence

6' between stays with 11 gauge filler wires and 9 gauge top & bottom wires.



59.99

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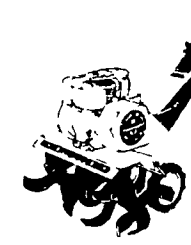
Module Fencer

Holds animals better under conditions such as wet fences, weeds and grass. Shocks through wet weeds.



299.99

Reg. 349.99 / SAVE 50.00
22588-258

5 Hp. Chain Drive 28" Wide Tiller

114.99

Reg. 128.99 / SAVE 14.00
24681-282

47" Field Fence

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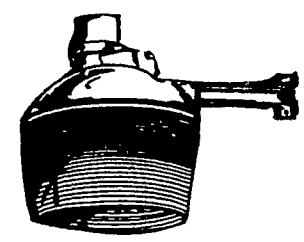

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Reg. 39.99 / SAVE 7.00
28200-311

Mercury Vapor Security Light

Light turns on automatically at dusk and off at dawn. Mercury vapor bulb gives 2½ times the lighting capacity with 16,000 hours average bulb life. Comes complete with aluminum support, lamp photo control and hardware.

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Reg. 75¢ / SAVE 21%
17895 130

Steel Rod Elec. Fence Posts

48" long, made of 1" steel.

59.99

Reg. 64.99 / SAVE 5.00
19513-243

5 Cu. Ft. Wheelbarrow

5¼ Cu. Ft. Contractor's Wheelbarrow, 17 gauge deep-drawn steel tray, with baked enamel finish. Edged rolled over ½" steel rod. Kempas hardwood handles. Heavy-duty legs and braces. Countersunk bolts, no shovel hang-up. Ball bearing wheel, sealed and self-lubricating.

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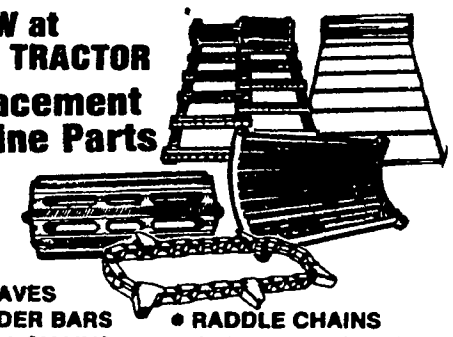

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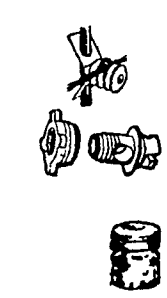


Insulators

Nail Type 25 pkg 17878-130 Reg 1.75 — **1.39**

Springboard 25 pkg 17880 130 Reg 4.19 — **3.39**

Western 25 pkg 17899-130 Reg 3.39 — **2.59**

Porcelain 25 pkg 17901 130 Reg 2.19 — **1.69**

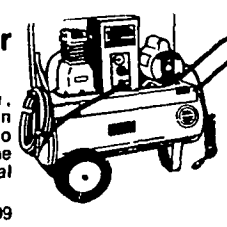
309.99

Reg. 329.95 / SAVE 19.96
18326-106

1 Hp. Twin Cylinder Air Compressor

14 gallon tank. 5.2 CFM at 90 p.s.i., 6.3 CFM at 40 p.s.i. The V-2 Twin cylinders deliver air power. Easy to read gauge enables you to dial the pressure desired-no additional regulator needed.

15' Air Hose 17791-106 Reg. 5.99



199.99

Reg. 214.95 / SAVE 14.96
17981-106

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16439 100

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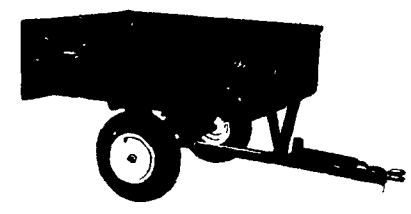
12959-279 . . . . . **SALE 114.99**



104.99

Reg. 114.99 / SAVE 10.00
19461 243

Trailer Cart 10 Cu. Ft.

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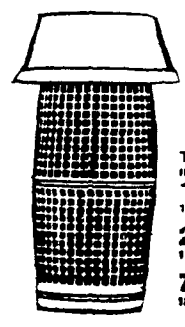
50 or more **18.50**



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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Estate Planning

One rather major problem in not having an estate plan for a farm family is where will it go? Let's take a sample case and then look at some possible solutions.

Mr. and Mrs. Farmer have a 250-acre farm worth $300,000 plus machinery and cows worth $200,000. They also own $150,000 in insurance plus $100,000 worth of other assets. Against this is a $100,000 mortgage and $50,000 in short term debts. They have 4 children. One is at home on the farm and has been working with them for the past 10 years. Two are working elsewhere and one is still in school. What should they do?

Solution #1 - do nothing and let the state take care of the problem. The farm will probably pass from husband to wife free of all taxes. Then it will probably pass to the four children in equal shares. Now what happens?

1. Use valuation is eliminated unless all four children operate the farm or 3 agree to sell to the fourth. Thus, an estate tax may be due. Cost $..

2. If all four continue to own it but only only one operates the farm, he or she must go to the others whenever a capital improvement is made, a capital asset is sold or purchased, or a change is desired.

3. One of the four could force a sale if the money was desired which may mean no more farm or at least no more family farm. The farm could be developed, let sit idle, or purchased by an investor.

4. If all four continue to own a share then their spouse and/or children could inherit their share. Eventual outlook would be multiple owners of several generations living all over the country.

5. What happens to the child that is still in school?

Solution #2 - treat everyone alike and will it to the children in equal shares. This may save some administrative costs but the eventual results will be the same as solution #1.

Solution #3 - will it to all 4 children but require three to sell out to one. Furthermore require that the money from that sale be used to complete the school child's education. Is this any better? Yes of course but let's look at the possible problems.

1. Child one may not be able to pay the price unless parents have calculated the potential repayment ability of the farm and have pre set the price.

2. Probably only part of the money should be set aside for the school child's education. Perhaps it should be based on an estimated amount required to do the job. Otherwise the money may be tied up just when one or more of the children could make good use of it.

3. If three are required to sell to one at a less than market value there should be restrictions on resale in addition to the possible use valuation lien. If not what would prevent that child from selling the property, paying the extra tax, if any, then pocketing the rest?

Dairy donations to Bolivia

WASHINGTON, D.C. — The U.S. Department of Agriculture's Commodity Credit Corporation has donated 120,000 pounds of nonfat dry milk and 37,000 pounds of butteroil to the Food for the Hungry organization for distribution to needy persons in Bolivia, according to Under Secretary of Agriculture Daniel G. Amstutz.

The milk and butteroil, a part of CCC's acquired inventory, will be used to feed children under the age of six, pregnant and nursing mothers, and indigent adults and elderly persons in three supplementary feeding programs in Bolivia.

This is the tenth program under the recent legislation which amended Section 416 of the Agricultural Act of 1949 to allow the CCC to donate its surplus dairy products to help needy people overseas.

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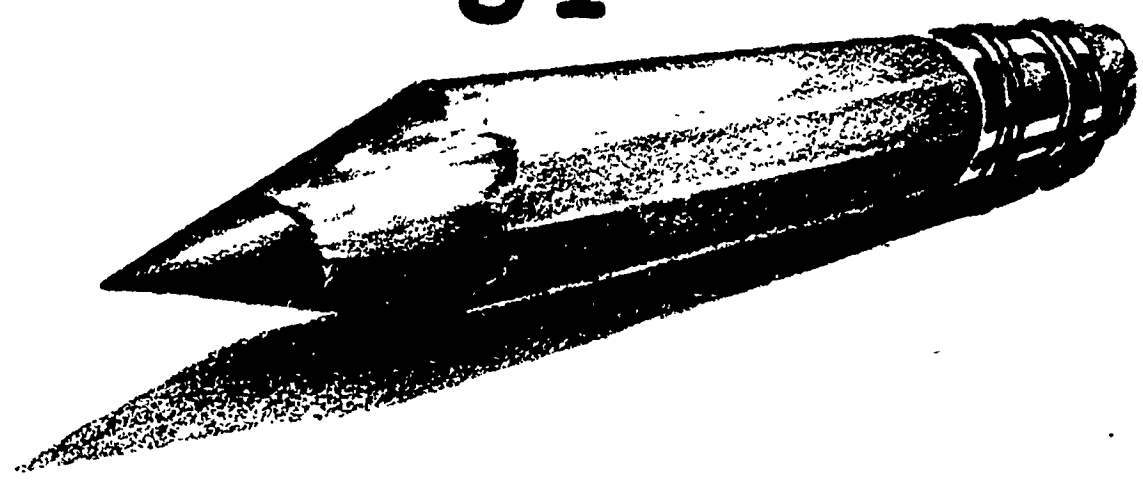

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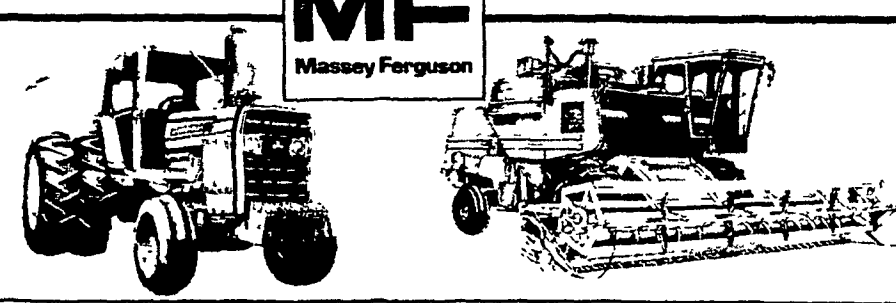

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The Milk Check

TOM JURCHAK
County Agent

June Dairy Month

After all the queens are crowned, the parades are over and the governor drinks his milk for the TV cameras we return once again, as we have so often, to struggle with the marketing problems of an industry that's learned to produce so well that we give it away. For the last three years June Dairy Month has found us at the crossroads of decision making on what major changes are needed to make ends meet between how much is produced and how much is sold.

The production technology that has helped to bring us to the enviable position as the world's best milk producers goes on and on with embryo splits, freezing and sex determination; genetic engineering, heat synchronization; blood profiling and computerized feed programming while the best we can do for sales is UHT milk and a 60-40 per cent margarine-butter combination.

We never really get around to wrestling with the crossroads decision of-will it be less milk or more sales in the future? For three years we argued over whether the problem has been one of our own industry's making or whether it was caused by outside forces "beyond our control". We also did a lot of finger pointing at other groups who were getting as much or more taxpayer help than we were. We blamed everything from imports to imitations to the American Heart Association for our problems but never really sat down together to talk about solutions we could try.

Not Alone

We certainly aren't the only industry having problems and others would gladly trade with us and feel they got a bargain. With the recent rise in unemployment in so many industries they're beginning to realize that for many of them their jobs are gone forever. It does no good for an unemployed wage earner to blame imports, unions or the government. If he has to retrain for a new job the sooner he starts the better. Perhaps things have to get worse for the dairy industry before they get better. It may be that the best way to spend June Dairy Month is to work on making things better before they get worse.

Looking Good

When you look at all the good things we have going for us you would think everyone would be prospering. Certainly the industry is healthy but if we want to keep it that way we have to work at it. In dairy products consumers are getting a nutritional as well as an economic bargain. Dairy product prices have increased less than other foods and we still get over 25 per cent of our needs from milk while spending only 13 per cent of our food dollar.

Dietary trends away from fats have cost us sales of whole fluid milk and butter but consumers are still buying that same fat in most of our cheeses. There's no real substitute for dairy products as there is for meats and while some consumers may grow their own vegetables they certainly won't keep a family cow. If we could only maintain the per capita consumption at present levels the increasing population would eat up in the excess in five years.

Conditions vary widely between markets but generally, because of Federal Orders and cooperatives, producers have enough control to protect their interests. So, the only problem left is - do we all get behind an expanded product development and promotion program with enough money and know how to sell 136 billion pounds of milk a year or do we take the 123 billion we're selling now and toss it up for grabs among the producers who can make it the cheapest?

Order 2 Pool

May milk production usually the highest of the year in Order 2 jumped 3.5 per cent over last year and six per cent over last month. Lower Class prices and lower Class I utilization all combined to give you a Uniform Price of $12.64 for April milk deliveries to Order 2 handlers. That was three cents lower than last May and 21 cents lower than April. Nearly half of the difference from last month came from a ten cent increase in your payment to the Louisville Plan from 30 to 40 cents. Four cents came from a six cent drop in the Class I Price to $14.78 and a three cent drop in Class II to $12.39. The remaining seven cents came from a 2.3 per cent drop in Class I utililzation to 34.4 per cent. The lowest in Order 2 in 28 years. Class I sales were off only slightly from last month so most of the price drop came from higher production and lower Class prices. The Minnesota-Wisconsin stayed the same for April and May at $12.51 so hopefully that has bottomed out for the year. June will be the last month with a 40 cent payment in the Louisville Plan and after that prices should start increasing in spite of lower fluid sales because of school closings for the summer.

Those Deductions Again

As of this writing it appears that, one way or another, you haven't heard the last of 50 cent deductions. USDA has appealed the last decision of Judge Perry in South Carolina which stopped the collections for May milk. If the appeal is granted the deductions could start agasin. However, the Senate Agriculture Committee meets this week and if it approves the new compromise dairy price support legislation of the House it may become law this summer.

One of its provisions is a 50 cent assessment to start as soon as the bill is passed to finance the incentive payments that would start in October of this year. Other parts of the proposed bill were outlined in my last letter but include a 50 cent crop in the support price starting in October and the opportunity to contract with your local ASCS office to reduce your production for the next 15 months. I'll have more details in the next letter but watch the news media for developments. With CCC purchases of cheese reaching an all time record of 23.6 million pounds in one week in June and powder at 31.7 million the highest in 20 years Congress may feel action is needed soon. Your time for decision making may come as early as next month. I hope you're ready for it.

Happy June Dairy Month.

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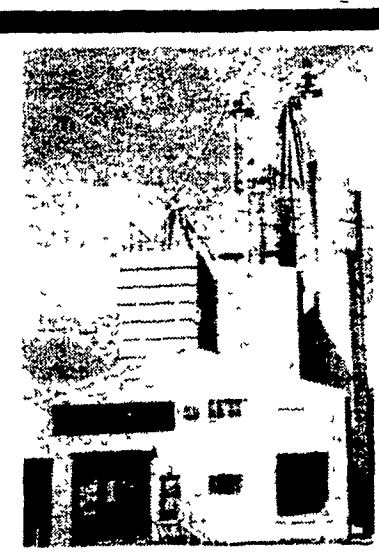

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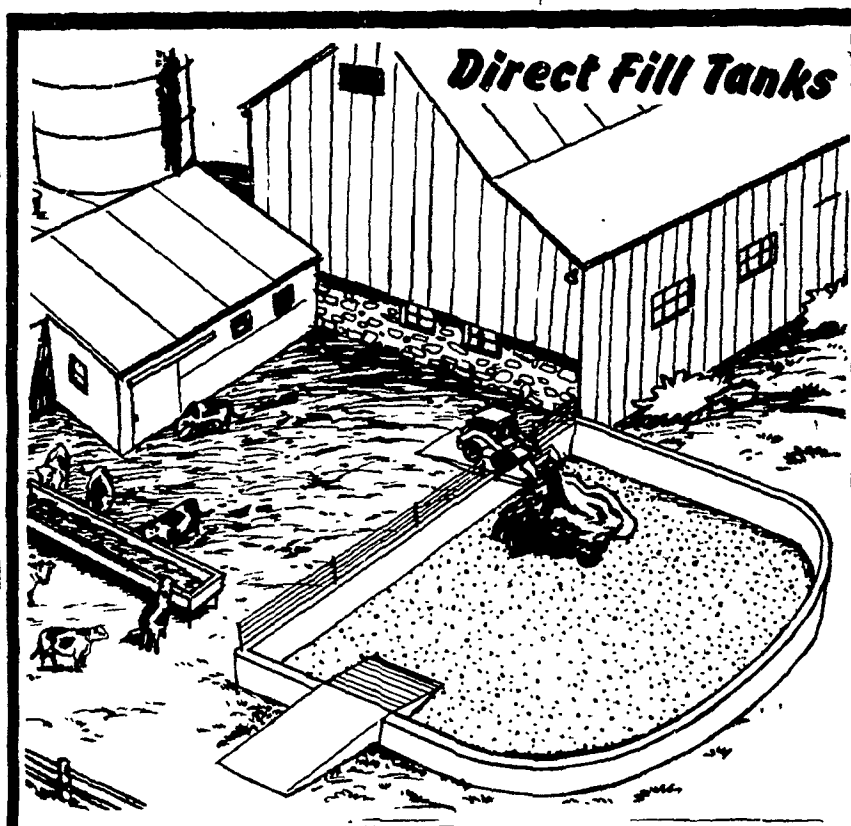

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June is dairy month

Farm Talk

by
Jerry Webb
Delaware Extension

Animal ag pressure

As the world rushes toward overpopulation and eventual starvation, a lot of pressure is being generated to drastically change, or even eliminate, animal agriculture. The thought, of course, is that animals are inefficient users of protein. And instead of pushing a lot of feed grain through steers, pigs and chickens, who not grow food crops that can be consumed directly by people?

We may eventually come to that. Before we starve we'll make many changes in our eating habits, but don't expect Americans to stop eating meat any time soon. In fact, don't expect them to stop until they have to—forced by price, scarcity, or some other overwhelming factor. They won't do it out of a feeling of guilt or of compassion for hungry people in other lands.

Let's face it—most of us like meat and we're not about to survive on soybeans and granola while we still have all the other vestiges of the good life. As long as we pay such a small chunk of the weekly paycheck for meat, we'll keep on buying.

As you look at some other countries — notably Japan, you realize how much people are willing to pay for the kinds of food they enjoy. It will take more than a long-range, loosely defined world need to cause any noticeable shifting from meat to plant products.

Economic disaster

There's another side to the story, that of the producer. A substantial number of American farmers raise meat animals as part of their operations. To suddenly stop producing them would be economic disaster for those farmers. You see, American farmers already grow much more grain than we use in this country. Until recent years, it's been very difficult to get rid of this excess. To stop producing meat animals would increase the supply of grain available without a corresponding demand, and that would wreck prices.

I don't think people who are asking for such a shift really understand this or even care. They simply look at the world population figures and moralize about animal agriculture.

Another factor that I don't think is being considered is how much of America's farmland is totally unsuited to crop production. Millions of acres in the West can't be irrigated, will never be irrigated, and consequently will never support crop production. Vast areas here in the East won't support crop production. This land is either too steep or too wet or too rough—or for some other reason can't be cultivated.

Granted, there are a lot more acres that could be growing food and feed crops. There are also millions of acres that will never be tilled but that are quite capable of supporting livestock.

Visits Pa. farm

Visiting a farm in nearby Pennsylvania recently, I was reminded of the place of animal agriculture as we toured the fields. Even though the fellow farms more than 500 acres, he tills no more than a couple of hundred. The rest is pasture, woods, steep valleys and other wasteland that can't be effectively farmed.

Soil erosion is a constant threat on virtually every acre and must be dealt with constantly. Open fields are broken up into strips of corn, soybeans and grassland. Crops are rotated to help prevent erosion, and no-till planting is the rule on most acres. Even with all of the technology that's available, his soil washes and must be repaired at times with a small bulldozer that's kept on the farm.

To ask this man to sell his livestock and grow food crops would be stupid. Through careful management he grows all the crops he can, which he in turn feeds to his livestock. He plans on enough livestock to utilize the grassland. If he runs short he can usually buy feed, but none of the roughage that grows on his hilly acres is wasted for want of a cow to eat it.

That farm is not suited to all-out crop production and never will be, but it's a darn good livestock farm. There are many farms like that in almost every state. Any sort of national policy aimed at converting them to crop farms would be a mistake

Egg groups may apply to board

WASHINGTON, D.C. — The U.S. Department of Agriculture is now accepting certification applications from all noncertified egg producer groups interested in nominating members to the 18-member American Egg Board.

"We will soon request nominations to replace the nine members and their alternates whose two-year terms expire at the end of 1983," said H. Connor Kennett, a poultry official with USDA's Agricultural Marketing Service. "Only egg producer groups that are also certified by the secretary of agriculture as eligible to nominate members will be allowed to submit nominees."

Kennett said the noncertified groups have until July 11 to file for certification to be eligible to participate in this year's nominating process.

The American Egg Board administers research and promotional projects designed to strengthen the egg industry's competitive position in the market place. Its activities are carried out under the egg research and promotion order, authorized by the Egg Research and Consumer Information Act.

Certification forms and information on eligibility are available from Janice Lockard, Poultry Division, Room 3955-S, AMS, USDA, Washington, D.C. 20250. Phone (202) 382-8132.

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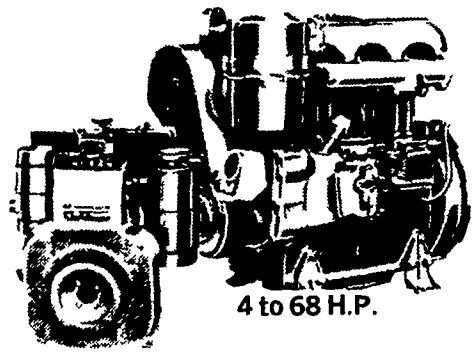

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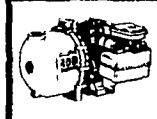

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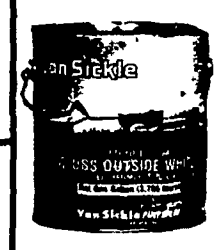

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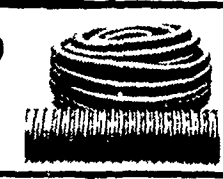

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York County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

YORK COUNTY DHIA
May, 1983

The high herd was Lynn Wolf, R.1 Abbottstown with 60, holstein cows producing 20,515 lbs. milk and 790 lbs. B.F. Second high was Smyser's Richlawn Farms, 2691 E. Berlin Rd., Abbottstown with 88 holstein cows producing 21,475 lbs. milk and 786 lbs. B.F.

The high cow was #32 a 4 year old holstein from Melvin R. Lehr, R.1 East Berlin who produced in 305 days 22,358 lbs. milk and 964 lbs. B.F. Second high was Gloria a 6 year old holstein owned by Smyer's Richlawn Farms who produced in 305 days 23,716 lbs. milk and 880 lbs. B.F.

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Lynn Wolf	3	59.6	91.5	20,515	790
Smysers Richlawn Fms	3	68.7	87.6	21,475	786
Jim&Holly McCaffree	3	38.2	83.8	20,402	734
Wayne E Myers	3	39.0	84.5	19,181	726
H S & R E Fetrow	3	76.6	87.4	19,206	719
Stump Acres	3	90.6	89.8	18,780	715
Beshore Farms	3	46.0	81.6	19,329	714
Paul R King	3	50.3	89.1	17,945	708
The J E Baker Co	B3	41.2	86.7	19,416	704
Jim&Holly McCaffree	5	4.0	74.3	17,391	696
Thomas A Boyer	3	41.6	83.5	19,364	688
Leonard W Greek	3	29.9	85.7	17,815	686
Rick L Cook	B3	57.4	86.2	17,487	684
William Myers	B3	40.2	88.0	18,434	683
David Steward	3	109.2	88.7	19,264	683
Lonnie Robinson	B3	25.8	95.1	17,456	670
Geo Knight	3	118.5	89.6	18,770	667
Sinking Spring Fm Inc	3	66.3	87.6	18,499	664
McRal Dairy Farm	B3	144.6	91.5	18,693	654
Wayne B Mummert	B3	71.7	86.5	17,328	647
B Robert Charles	B3	46.8	86.1	18,584	646
Rineway Dairy Farm	B3	95.3	86.9	17,021	642
William Ruppert	B3	52.4	86.7	17,751	640
Melvin R Lehr	B3	48.2	84.2	16,872	627
Leroy Bupp	3	95.7	88.6	18,544	627
Earl Fuhrman	3	83.6	84.3	16,614	625
Fawn Meadow Holstein	B3	65.6	87.3	17,165	618
Edwin L Calhoun	G3	43.5	89.5	16,837	617
Big T Holsteins	B3	89.6	84.8	17,332	616
T Edwin Johnson	3	62.7	85.2	16,106	615
Leland Stanford	B3	35.0	86.6	17,478	615
Walnut Hill Farm	B3	38.9	87.8	17,723	613
Smokey Hollow Farm	G3	31.3	87.1	16,908	605
R R & M R Stewart	3	53.5	90.7	16,425	604
Ellis Crowl	B3	98.6	86.2	16,948	601
Harold Brown	3	71.5	84.0	16,230	599
Gum Tree Farm	3	42.6	89.2	16,843	598
Titus Walker	G8	36.0	87.1	15,849	598
Wayne L Sweitzer	B3	92.7	86.9	16,226	596
Fred Sprenkle	3	42.2	83.8	17,499	596
J H & M B Hushon	B3	95.8	88.0	16,387	592
Honeycrest Fm	B2	100.5	87.0	13,581	590
George F Innerst	B3	68.0	86.8	16,386	588
Rutter Bros	2	82.7	86.8	12,008	588
Elvin G Molison	B3	146.1	85.9	16,562	586
Double D Farm	B3	96.4	83.4	15,786	582
C Robert Kilgore	3	48.4	87.6	16,645	580
Walkers Farm	B3	76.1	87.7	16,238	580
Mervin W Hertzler	2	63.9	86.8	12,147	572
Daryl L Bair	G3	37.8	88.5	16,673	569
Dennis J Myers	3	52.2	87.1	15,558	569
Richard E Stough	B3	36.1	88.1	15,843	568
J Donnell Taylor	B3	109.8	85.5	15,638	564
Kenneth L Rexroth	B3	130.6	87.3	15,264	564
Hidden Springs Farm	B8	89.1	83.8	14,399	562
John C Krone	B3	40.0	87.0	15,929	561
David L&Chris Druck	B3	74.1	82.7	17,454	561
Robt Baumgardner Jr	B3	58.2	83.8	14,944	554
Dale L Barshinger	B3	40.2	83.6	15,035	554
Rodman C Thompson	3	63.3	82.8	15,468	549
Horace E Heindel	B3	123.3	83.6	15,727	548
Cool Branch Farm	B3	86.0	87.1	14,345	545
John D Adams	B3	74.6	85.5	15,311	544
William H Fantom	B3	64.0	84.3	14,775	544
John P Bortner	B8	29.1	88.5	14,584	543
Elwood T Krick	B3	83.4	91.2	14062	534
Ramsey S Cooper Jr	B3	58.1	87.9	14,949	534
Robert W Mays	B3	64.4	87.2	15,682	533
Doug & Gene Kilgore	B3	62.6	82.8	14,290	533
Eisenhart Bros	B3	75.4	86.4	14,344	533
Eugene B Taylor	B3	42.0	87.4	14,513	531
Leroy Hertzler	B3	28.8	87.0	14,273	531
Walter L Amstutz	B3	37.5	93.5	15,017	529
Desota&Robt Burchett	B3	105.3	87.3	14,374	524
Phillip D Laughman	3	30.0	82.8	14,524	524
Jacob Brubaker	G3	52.0	84.7	14,286	523
Furnace Creek Farm	3	107.6	85.1	14,400	522
David V Thompson	B8	71.5	80.1	13,994	518
My-T Farms	B3	48.1	86.2	13,740	518
Philip R Stambaugh	3	59.8	87.0	14,038	518
D Fantom & E Gordon	B8	61.4	94.3	13,558	517
Keith A Shaffer	3	47.3	85.1	13,661	517
Barrens View Fm	B3	63.5	88.9	14,371	517
Palmer McWilliams Jr.	B3	39.6	84.2	14,310	517
Donald Lanius	B2	91.8	84.9	10,654	511
David M Emig	B3	60.0	85.6	12,394	510
Perrydell Farms	G3	38.2	83.3	13,097	507
Gary W Thoman	3	45.1	85.5	14,082	504
William Druck Jr	B3	80.2	89.5	15,337	501
R & M Farms	G3	38.2	83.3	13,097	507
Fred Kimmel	B3	15.6	86.1	13,700	500

OWNER NAME OR	AGE AT CALVING		DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Geo Knight						
174	3	5-6	293	15,005	3.8	563
Hilda	3	5-11	305	25,047	3.0	756
267	3	8-5	305	20,112	2.8	567
Et 1	3	4-9	305	18,684	3.3	617
Et 16	3	4-8	305	21,148	2.6	557
Et 56	3	3-7	305	19,423	4.0	770
Lynn	3	3-10	305	19,940	4.2	829
Emory & Wm Kilgore						
47	3	4-1	305	14,509	3.8	552
David V Thompson						
131	3	0-0	289	14,906	3.4	500
P-49	3	4-1	305	16,095	3.4	550
P-75	3	5-9	305	17,141	3.5	602
Ellis Crowl						
R 10	3	5-10	305	21,125	3.7	786
R 101	3	5-8	305	20,252	2.6	531
21	3	4-8	305	16,864	3.7	629
87	3	3-5	284	16,464	4.2	525
77	3	3-6	305	17,129	3.2	553
61	3	3-10	301	16,414	3.5	577
138	3	3-6	257	14,820	3.4	502
139	3	3-7	305	15,107	4.1	623
Donald Lanius						
Lily	2	7-1	305	12,543	4.8	600
511	2	8-0	305	11,683	5.8	682
Patty	2	6-0	305	9,864	5.5	546
Lou	2	4-4	287	11,566	4.8	551
Sinking Spring Fm Inc						
Minnie	3	4-3	305	22,384	3.4	757
Marion	3	4-8	305	16,970	3.5	598
Nanette	3	2-5	305	19,394	3.4	653
Sal	3	2-5	305	15,537	3.6	552
Whitney	3	2-0	305	19,141	3.0	565
Mercy	3	2-2	296	14,724	3.5	520
Rutter Bros						
Lucy	2	7-8	305	10,410	5.3	554
Babe	2	4-2	305	11,225	5.2	580
Sprite	2	2-2	305	9,423	5.5	520
Ricketa	2	2-6	305	10,461	4.0	509
Rae	2	2-2	305	10,687	4.7	505
Beshore Farms						
Novex	3	6-8	274	21,239	3.7	782
Juniper	3	3-0	296	19,982	3.3	667
Bertha	3	2-11	293	18,807	3.6	677
Farah	3	2-4	305	19,679	3.6	712
Maria	3	2-3	305	16,166	3.3	538
Tweedy	3	2-4	305	18,204	3.5	631
Albert Dehoff						
312	3	3-9	305	15,474	3.6	560
Elwood T Krick						
J Rose	8	12-6	305	14,896	4.6	682
The J E Baker Co						
2	3	3-10	305	19,324	3.3	635
4	3	3-11	263	14,833	3.7	543
33	3	2-0	280	15,244	3.6	546
Fred Sprenkle						
Pride	3	9-5	305	18,301	3.0	546
Zip	3	6-11	305	16,951	3.8	652
Flute	3	3-7	305	22,136	3.1	694
Gloria	3	4-0	285	14,066	3.7	523
Snap	3	2-8	281	11,855	4.3	505
Hope	3	2-5	298	13,794	3.7	513

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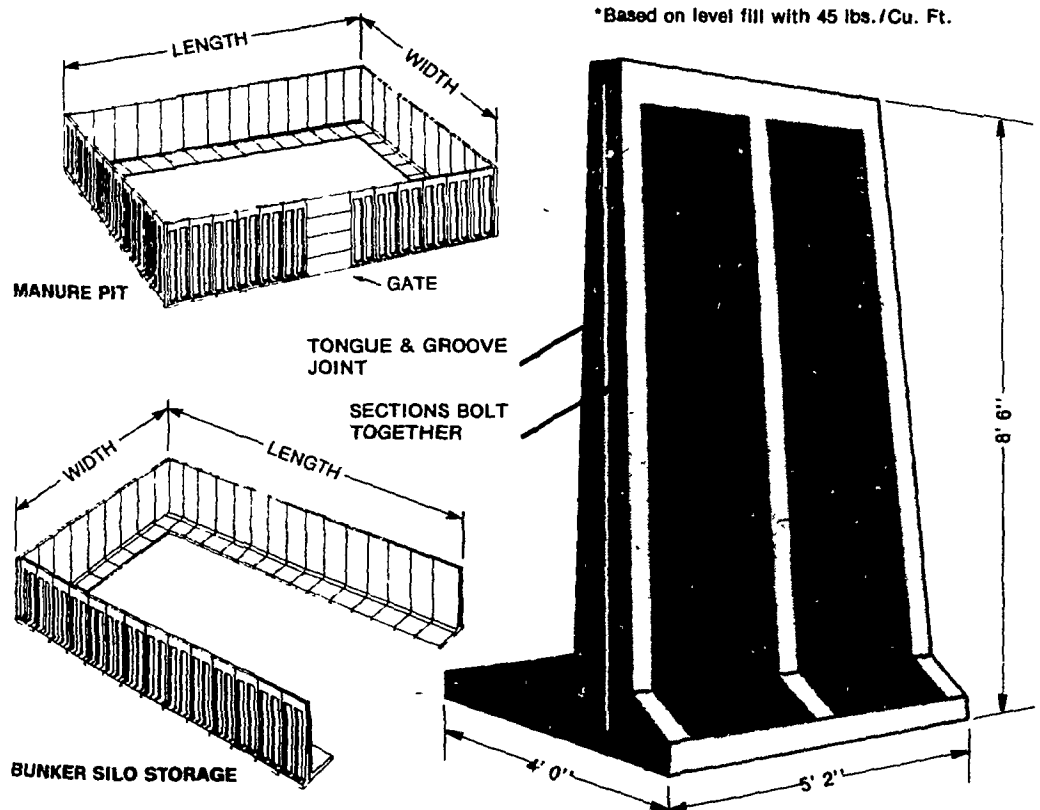
90'	323	485	648	808
100'	359	539	720	900
110'	395	593	792	989
120'	431	648	864	1080
130'	467	688	936	1170
140'	503	755	1008	1260
150'	539	808	1080	1350

*Based on level fill with 45 lbs./Cu. Ft.



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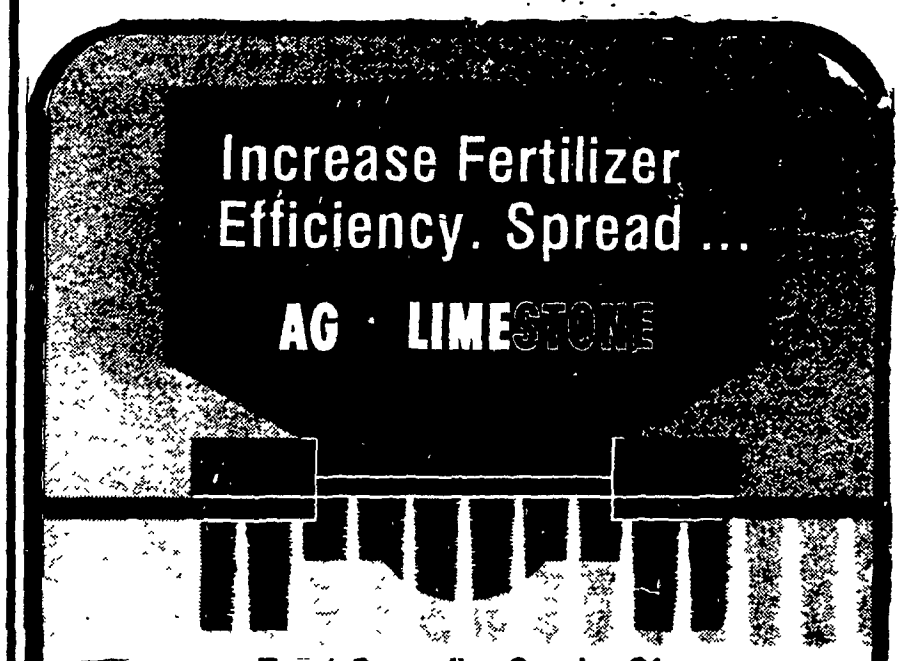

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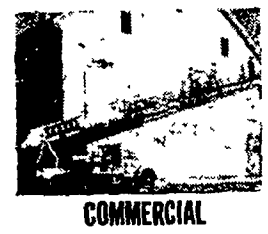
York Co. DHIA

(Continued from Page C7)

Doug & Gene Kilgore						
Tanya	3	3-3	294	15,062	3.5	533
Thomas A Boyer						
Fizzie	3	1-11	305	24,913	2.7	676
Jeannie	3	2-4	298	14,525	4.0	577
Earl Fuhrman						
Leta	3	14-2	291	15,331	3 8	581
Pleasur	3	6-2	305	17,773	3.8	674
Mystie	3	4-10	305	18,901	4.2	793
Lulu	3	4-9	305	17,302	4 2	721
Monita	3	4-3	305	18,219	2.8	510
Countes	3	3-0	305	15,450	3 8	586
Bell	3	3-6	305	17,938	3.8	688
Heidi	3	1-11	298	12,583	4.0	501
78	3	1-11	305	15,285	3.3	500
Furnace Creek Farm						
Jute	3	4-8	305	15,456	3.6	562
Hattie	3	3-4	302	14,840	3.5	516
Heidi	3	2-5	305	14,196	4 0	568
H S & R E Fetrow						
Dora	3	5-3	305	20,722	3 2	658
Rose	3	8-4	220	15,546	3.4	533
Inka	3	2-7	277	14,197	3 7	524
Rodman C Thompson						
Marla	3	3-11	305	17,554	3.5	612
Kim	3	3-11	305	19,866	3 4	666
Marina	3	2-1	305	14,405	4 2	605
Lois	3	2-1	305	12,986	4 0	520
Stump Acres						
Mona	3	9-2	174	11,573	5 0	582
DJet	3	3-4	305	22,214	3 8	841
Rineway Dairy Farm						
141	3	7-9	239	12,717	4 0	508
176	3	5-7	305	22,145	3.6	787
219	3	4-4	305	16,704	3 4	566
259	3	3-4	289	16,395	3 7	613
297	3	1-11	305	13,081	4 2	552
298	3	1-11	296	14,369	3 8	552
299	3	1-11	296	14,793	3 5	516
R R & M R Stewart						
Purity	3	5-5	305	12,431	4 2	516
Pebbles	3	4-4	305	19,014	3 3	631
Pasely	3	4-0	305	16,700	3 3	546
Faith	3	3-6	305	15,724	3 9	613
Ronnete	3	3-1	305	17,344	4 0	698
Jabowok	3	3-1	305	17,713	4 3	760
Smysers Richlawn Fms						
Jeannie	3	7-11	305	24,966	3 3	816
Connie	3	6-6	305	23,716	3 1	840
Gloria	3	6-5	305	23,716	3 7	880
JO	3	6-2	305	18,408	3 9	717
Joann	3	2-0	305	16,721	4 1	682
T Edwin Johnson						
Maryann	3	6-7	305	17,046	3 9	666
Dot	3	2-10	305	13,831	3 7	518
Joleen	3	3-4	297	16,655	3 9	645
Ginger	3	1-10	305	16,642	3.9	655
Imp	3	2-1	305	13,284	3 8	510
Leroy Bupp						
Begonia	3	7-4	305	18,860	3 4	649
Georgia	3	5-10	305	20,784	3.4	717
Jackie	3	5-7	292	19,436	3 7	717
Hattie	3	4-8	305	18,344	2.9	523
606	3	5-8	305	23,094	2 5	580
Maud	3	3-2	305	17,856	3.2	573
Jig	3	1-11	305	14,226	3 6	511
Arlene	3	2-8	305	16,176	3.8	613
Hidden Springs Farm						
Frances	3	7-4	305	16,495	3.9	648
Nadia	3	5-5	305	20,595	3.9	806
Nan	3	3-4	305	14,397	4.0	582
Radium	3	3-7	296	14,626	3.8	552
Palmer McWilliams Jr						
19	3	9-2	263	12,585	4.8	605
61	3	5-8	305	16,955	3.0	503
Dennis J Myers						
Nig	3	6-8	305	19,128	3.7	702
Jane	3	6-1	305	15,278	3.6	556
55	3	7-3	305	16,726	3.9	647
Candy	3	2-6	303	16,104	3.2	522
Titus Walker						
9998	3	4-6	305	18,138	3.4	613
0851	3	3-0	292	15,911	3.6	572
C Robert Kilgore						
Jackie	3	9-5	293	15,726	3.5	553
Farrah	3	4-4	305	13,745	3.9	534
Philip R Stambaugh						
Chida	3	6-6	305	13,427	4.8	647
Popcorn	3	5-1	305	14,661	3.4	504
Paul R King						
Jaybird	3	2-3	305	14,107	3.8	530
Wayne B Mummert						
50	3	5-11	305	19,749	3.5	689
16	3	5-1	305	13,697	3.9	536
60	3	4-0	305	17,911	3.4	603
37	3	3-1	305	18,055	3.4	618
63	3	2-11	305	17,267	3.4	580
Desota & Robt Burchett						
72	3	2-7	305	15,979	3.8	614
34	3	2-8	305	15,145	3.7	565
Dale & Darla Doll						
Della	3	6-0	305	15,342	3.4	519
Spottie	3	4-1	305	18,221	3.5	637
D Fantom & E Gordon						
Melisa	3	6-2	305	16,687	3.3	557
Lynn Wolf						
Bossy	3	10-6	305	21,813	3.4	732
Flo	3	7-4	305	22,050	3.9	866
Gwen	3	6-3	305	19,772	4.4	864
Iola	3	3-10	305	17,529	3.3	578
Joy	3	3-2	305	17,248	3.1	537
Karla	3	2-0	305	19,990	3.7	749
Ramsey S Cooper Jr						
Hobo	3	10-6	305	19,867	3.4	668
Ramono	3	0-0	305	20,099	3.3	666
Robert J Reheard						
Neeta	3	5-1	305	15,826	3.2	500
Jessie	3	2-1	305	14,286	3.7	530
Grace	3	0-0	305	13,298	3.9	512
Melvin R Lehr						
15	3	5-6	305	18,120	4.1	736
49	3	4-11	276	12,260	4.1	501
31	3	4-8	305	16,327	3.5	575
32	3	4-1	304	22,358	4.3	964
Fred Kimmel						
Nine	3	3-4	305	14,082	3.7	521
John H Doll Jr						
Fran	3	8-7	305	16,206	3.5	576
Charles Herr & Son						
Ginger	3	4-10	294	15,800	3.6	570
Wayne L Sweitzer						
Jamie	3	5-4	305	18,094	3.5	638
64	3	5-0	278	19,151	2.9	563
14L	3	8-9	305	17,627	3.4	608
Bambi	3	2-6	305	15,919	4.1	646
Moonshi	3	3-3	305	19,852	3.6	711
Rhonda	3	2-7	305	15,199	4.0	605
5	3	2-4	305	13,798	4.5	619

(Turn to Page C9)

COMPLETE FARM PAINTING



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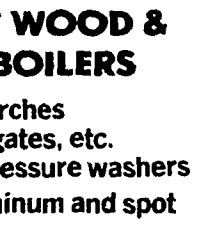
Hardware



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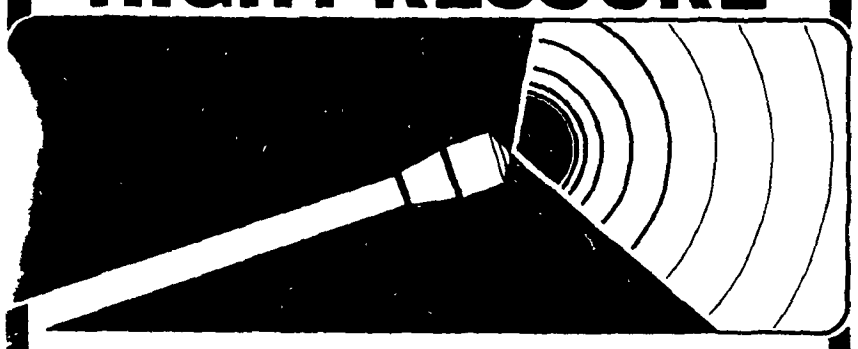

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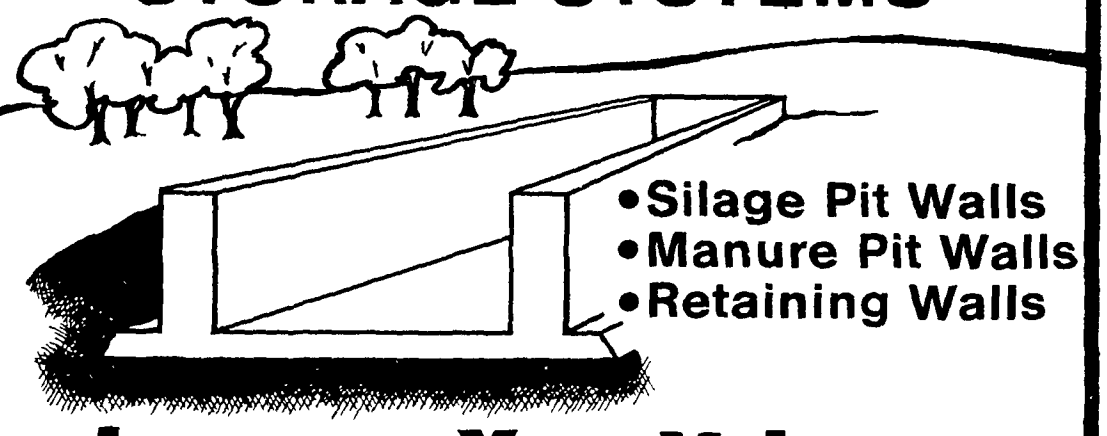

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York Co. DHIA

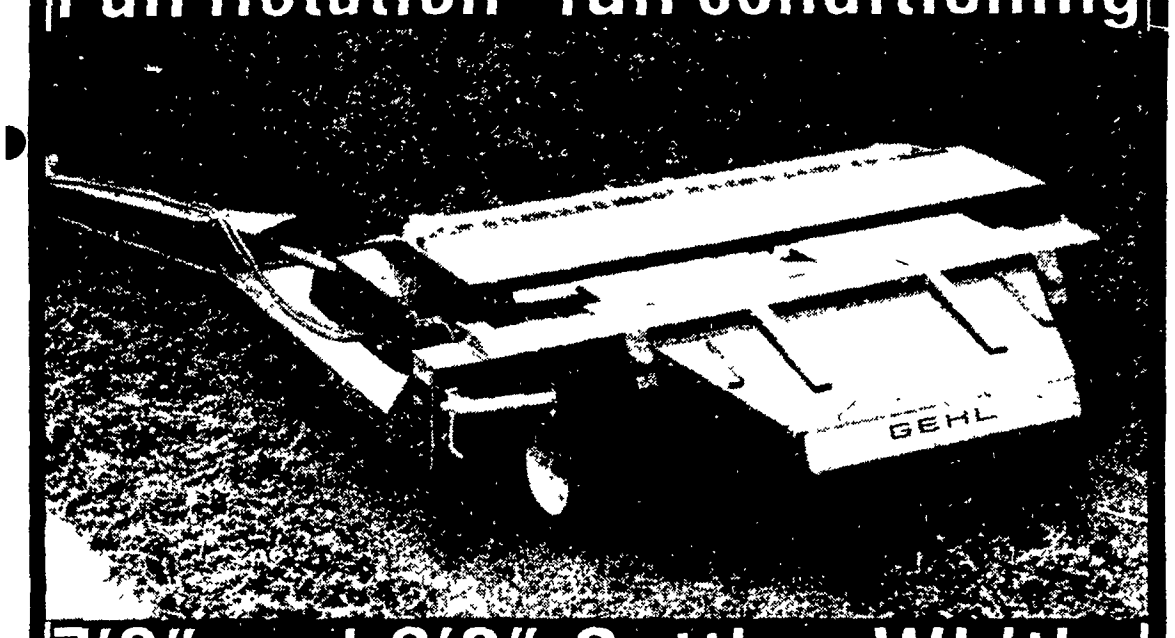
(Continued from Page C8)

Kenneth L Rexroth						
47	3	7-2	305	15,469	3.7	568
23 A	3	4-5	305	18,545	3.3	609
85 A	3	3-11	305	17,591	3.5	610
28	3	2-2	305	14,399	3.5	502
134	3	5-1	295	16,578	3.8	630
Richard E Stough						
Lois	3	10-9	305	21,451	3.2	684
Carol	3	6-4	305	18,939	4.0	762
Tinsel	3	4-6	305	16,322	3.7	610
Rick L Cook						
Robin	3	7-11	255	15,287	3.3	512
Violet	3	5-11	305	15,074	3.6	540
Cindy	3	3-6	302	15,165	4.5	680
J Donnell Taylor						
Bambi	3	7-2	291	19,023	3 2	607
Jix	3	4-10	305	18,058	3 5	633
Tulip	3	0-0	305	15,523	3 6	558
Shonna	3	3-11	305	15,523	3 6	558
Molly	3	3-6	305	15,884	3.7	582
Cindy	3	2-9	305	15,334	3 7	565
Rusty	3	2-1	305	13,612	4 0	551
Bupplynn Farms Farm 2						
Ellen	3	7-5	305	12,549	4 0	500
39	3	4-1	305	18,323	3 2	584
69	3	3-10	305	13,516	3.8	511
Betty	3	2-6	305	16,461	3.2	531
Bootie	3	4-6	305	17,956	4 1	733
Dede	3	2-9	305	15,560	4.0	620
Aggie	3	2-7	305	15,582	4.0	629
Peony	3	2-3	305	14,912	3 5	522
Elvin G Molison						
80	3	9-0	305	20,481	3.3	675
43	3	4-4	276	16,118	3.3	535
120	3	4-6	305	16,372	3.7	605
129	3	3-6	292	19,445	3.6	704
84	3	3-5	305	20,818	3.9	807
215	3	2-7	305	18,359	3.5	644
Daryl L Bair						
Laurel	3	1-10	305	14,289	3.5	503
Sharon	3	2-8	305	17,276	3.1	533
John D Adams						
26	3	9-9	286	14,976	3.8	563
65	3	6-4	276	18,636	3.2	602
Mervin W Hertzler						
Regina	2	5-11	303	10,304	5 0	513
Gary W Thoman						
Reba	3	4-2	305	12,367	4.0	500
R & M Farms						
84 M	3	4-11	305	15,085	3.7	553
Laverne & Judith Hess						
56	3	6-6	305	17,028	3.0	509
Edwin L Calhoun						
Becky	3	3-5	276	19,851	3.5	703
Bev	3	3-3	305	18,015	3.5	622
Coton	3	2-4	305	15,898	3.6	571
Eugene B Taylor						
Laura	3	3-7	305	17,860	3.2	567
Rae	3	1-11	305	14,824	3.6	530
Robert W Mays						
19	3	5-2	305	19,278	3.9	751
35	3	5-4	305	22,651	3.1	699
62	3	4-4	294	18,392	3.6	667
13	3	2-10	303	13,923	4.2	580
2	3	1-11	305	12,671	4.3	540
39	3	1-11	305	13,732	3.6	500
David L & Chris Druck						
59	3	5-8	305	17,774	3 3	579
Dale L Barshinger						
10	3	5-9	305	18,423	3 4	628
57	3	4-2	273	15,364	3.6	552
Albert Neufeld						
106	3	0-0	305	14,571	4 1	593
95	3	2-11	305	17,364	3.6	624
123	3	4-1	305	15,430	3.7	576
62		4-4	305	13,001	3.9	512
118	3	4-4	305	15,571	3.4	522
134	3	2-8	305	12,979	4.0	518
156	3	5-7	305	16,585	4.1	673
Big T Holsteins						
Toni	3	4-3	305	17,936	3.2	581
Mim	3	4-1	305	16,697	3.4	567
Jill	3	5-6	305	17,941	3 6	645
Bobbi	3	7-6	305	19,012	3 3	630
Holly	3	3-2	305	19,358	4.2	807
Sissy	3	4-1	290	15,147	4.0	608
Rocket	3	2-3	305	13,131	4.2	551
Jacob Brubaker						
43	3	8-1	305	16,279	3 8	625
John C Krone						
Bobbie	3	2-3	305	16,832	3.5	583
Kitty	3	2-3	305	13,916	4.0	551
Jamie	3	2-4	305	14,886	3.5	517
Walkers Farm						
415	3	7-9	296	15,761	3 4	528
109	3	7-3	286	15,099	3.9	585
14	3	0-0	305	12,318	4.1	510
17	3	3-2	305	16,096	3.6	578
119	3	2-1	305	13,139	4.0	524
Leland Stanford						
90	3	8-8	305	18,932	3.4	636
99	3	8-8	305	19,134	3.2	616
124	3	8-8	305	18,706	3.3	616
30	3	2-8	267	14,400	3.8	547
Perrydell Farms						
19	3	6-8	305	17,593	3.3	579
57	3	5-8	300	16,318	3.4	551
79	3	4-8	305	18,046	3.2	581
131	3	3-8	305	15,110	3.3	501
25	3	3-2	305	13,276	3.8	505
42	3	3-1	305	16,511	3.6	602
120	3	2-8	305	16,058	3.3	530
155	3	2-8	305	12,952	4.6	600

(Turn to Page C10)

NEW! GEHL®

Full flotation - full conditioning



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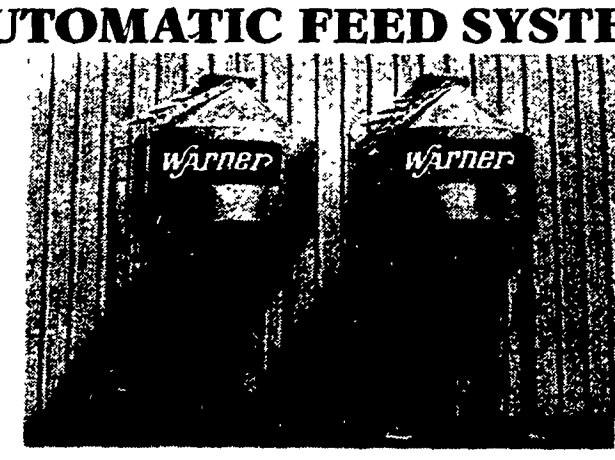

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(Continued from Page C9)

William Druck Jr						
102	3	4-0	305	19,670	2 6	514
David Stewart						
Bonnie	3	9-0	255	15,683	4 0	624
Gean	3	8-8	305	19,983	4 1	816
Bab	3	5-0	239	14,874	4.3	633
Faith52	3	5-8	305	18,756	3.3	621
Ann	3	4-1	305	18,021	3.7	660
Kit	3	4-7	305	19,667	3.6	702
Snody	3	3-8	305	15,738	3 4	533
Victory	3	3-4	305	19,103	3.8	725
Izzy	3	3-7	305	17,567	3 5	608
Richard Staner						
Jean	2	3-4	305	12,061	4 4	531
Fawn Meadow Holstein						
113	3	4-10	298	17,182	3 6	619
12	3	4-4	302	17,621	3 5	624
76	3	2-9	305	17,186	3 7	631
David Gemmill						
209	3	4-5	299	12,733	4 2	533
45	3	3-6	305	14,888	3 4	513
Dale Clymer						
Bossy	3	9-7	305	14,614	4 3	634
Deal Holsteins Farm						
78	3	4-10	305	12,868	4 1	524
57	3	5-7	305	14,625	3 6	527
143	3	2-6	305	14,789	3 5	521
Arthur L Kilbourne						
Joan	2	6-7	305	12,863	4 4	572
Daisy	2	5-4	305	12,898	4 6	588
Barrens View Fm						
Johnie	3	3-10	305	17,054	3 1	535
Star	3	4-11	305	17,383	3 5	612
Cool Branch Farm						
Olive	3	3-8	297	19,264	3 2	607
John P Bortner						
053	3	3-8	305	18,489	3 8	706
7	3	1 11	305	12,438	4 0	502
Lonnie Robinson						
Polly	3	5-6	308	16,931	3 9	662
Jena	3	3-2	305	15,415	3 9	600
James W Miller						
Ada 28	3	6-9	305	18,239	4 0	736
Jim & Holly McCaffree						
Oakie	3	5-6	300	21,932	3 3	719
Walter L Amstutz						
Mary	3	3 9	305	16,405	3 4	562
Irvin R Martin						
Lorelle	2	3-1	305	14,102	4 2	590
Newbury Farm-D Shenk						
8	3	3-9	299	11,985	4 6	546
15	3	5-9	305	15,840	3 6	568
28	3	7-9	290	13,057	4 0	525
William Myers						
Deedee	3	0-0	295	19,214	3 5	667
Anna OC	3	3-0	305	18,209	3 1	570
Dan & Patti Hushon						
Joni	3	6-5	305	14 160	3 7	520
David M Emig						
52	3	9-0	305	14,415	4 3	613
73	3	2-8	305	12,810	3 9	501
McRal Dairy Farm						
422	3	6-6	305	18,146	3 3	596
469	3	5-2	305	24,688	3 2	789
101	3	4 9	305	23,669	2 9	675
120	3	4-6	288	17,713	4 1	735
118	3	4-0	305	25,845	2 4	630
131	3	4 0	305	14,967	4 1	615
159	3	3-0	302	20,071	3 2	649
Dputy12	3	2-10	305	17,806	3 3	593
Dputy19	3	2-4	305	15,919	3 4	545
Dputy21	3	2-4	305	17,046	3 5	593
Dputy30	3	2-8	305	16,768	3 7	623
Dputy37	3	2-8	305	17,028	3 1	536
Dputy40	3	2-6	305	16,106	3 3	525
Dputy46	3	2-4	305	14,884	3 7	546
Dputy49	3	2-9	305	17,022	3 5	596
Dputy53	3	2-6	305	20,097	2 9	588
206	3	2-6	305	17,862	3 3	586
Dputy56	3	3-1	305	14,731	3.8	566
207	3	2-5	305	16,272	3 9	630
Dputy57	3	2-6	305	16,149	3.3	534
Dputy58	3	2-6	305	18,139	3 5	628
Dputy59	3	2-9	305	17,680	3.1	553
Dputy62	3	2-10	305	16,909	3.2	540
Dputy63	3	2-9	291	13,897	3.7	509
Dputy66	3	1-11	305	14,688	4.0	592
204	3	3-4	305	18,475	3 3	614
209	3	2-3	295	16,569	3.6	604
William Ruppert						
Cora	3	11-3	260	13,918	3 9	545
Liz	3	2-1	301	15,304	3 8	578
Myrtel	3	3-2	305	15,640	3 8	595
Eisenhart Bros						
209	8	8-2	279	16,077	3 9	633
320	3	3-0	305	12,492	4 2	530
338	3	2-3	305	14,395	3 8	542
Wayne E Myers						
Marvel	3	3-4	305	18,342	4 5	832
Felicia	3	2-3	299	12,758	4 1	526

Sulbra crops group expands

TOWANDA — The Sulbra Crop Management Association recently hired additional summer help to expedite the heavy summer workload.

Dale Dewing, of Warren Center, joined the staff recently, assisting Gary Polly of Troy with duties associated with the organization. Summer duties consist largely of insect, weed and disease scouting, as well as plant population checks.

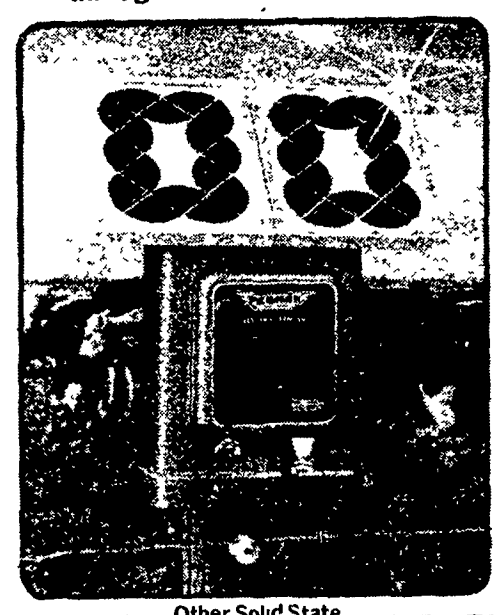
The continued growth of the organization has made it necessary to limit membership acreage to provide full service to members.

During June, July and August a technician visits each farm once a week and the rest of the year every other week.

A waiting list is presently being held to add additional members when the association is able to service additional acreage.

SOLAR-PAK MODEL magnum BY PARMAK

Solar powered electric fencer uses free energy from the sun. Maximum power... longer life...no operating costs. All new, 12-volt, solid state circuitry reduces battery drain to the minimum shocks through wet weeds and brush.



$249.95 With Panel

Other Solid State Units Starting At $44.50

$74.75 Without Panel

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DIVERSIFIED ROOFING CO.

Re-Roofing Specialists

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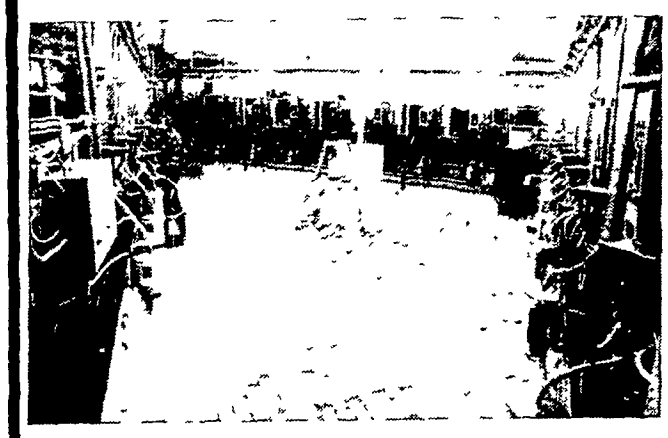
ARE YOU LOOKING AND WOULD YOU LIKE TO MAKE SOME CHANGES IN YOUR PRESENT DAIRY OPERATIONS



WHETHER YOU HAVE 10 COWS OR 500 COWS

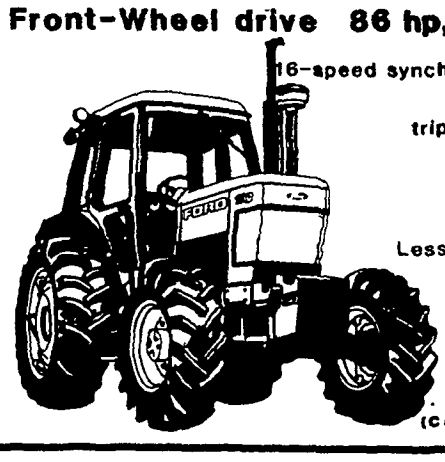
DEC BOU-MATIC MILKING SYSTEMS

has the outstanding milking equipment that has made problem herds, profitable herds.

We At Shenk's Farm Service are able to help you and give you a sense of direction to make these changes

CALL US AT 626-1151 — ASK FOR MERV

Front-Wheel drive 86 hp, 7710 FORD.



16-speed synchromesh transmission,

triple remote hydraulics.

Air conditioned cab,

Less than 70 demo. hours.

New Warranty

$26,950

(Cash, or cash with trade)

Repossession ! LIKE NEW!

Ford 86hp 7700 with Bush Hog 3400 loader, bucket and pallet forks. 16-speed. Triple remote hydraulics.

270 Hours. $19,800

WENNER FORD TRACTOR

ROUTE 202, TWO MILES NORTH OF ROUTE 1

CONCORDVILLE, PA. (215) 388-9615

June is dairy month

ONLY 4 DAYS LEFT

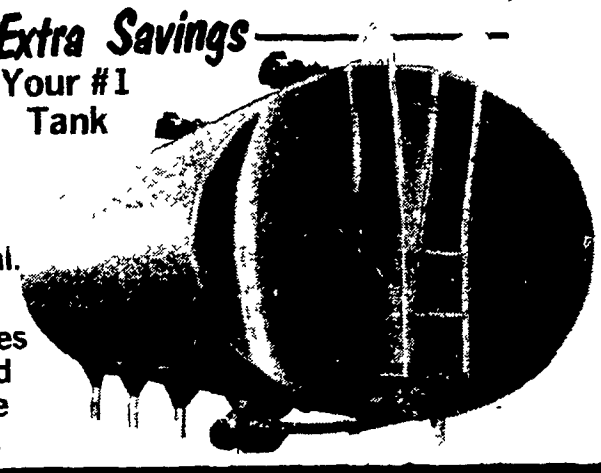
JUNE DAIRY MONTH SPECIAL ON DARI-KOOL TANKS

—Plus Extra Savings—

Dari-Kool Your #1 Tank

DARI-KOOL

Sizes 450 Gal. to 6000 Gal. features ahead of the rest.



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PHONE: 717-626-1164 or 717-394-3047

FARM EQUIPMENT

JD 5 btm. plow, hyd. reset. 717-637-0192.

IH 21x7" soybean special drill w/double disc openers, dual rib press wheels w/depth control, $3,500. 301-272-3636 day, 301-272-2620 night

Wisconsin Engines, one to four cylinders. Completely rebuilt, excellent condition. New or used parts. UPS or truck. 215-757-0363.

JD 60 new rubber, very good condition, $2000. 215-356-5305.

For Sale - JD 3690 forage harvester, like new, all hydraulic, 2 row 30" snapper head for high moisture ear corn, 3 recutter screens. 301-875-2250.

For Sale - 1956 Hough 4 wheel loader, model H022A, $6,800. Myers 500 gallon double blast ag sprayer, mounted on Reo 6x6 army truck, $8,500. 34' Fruehauf self-contained live bottom trailer, $1,900. 2 Smitley range feeders, 4 ton capacity, one good $400, 717-473-3031 8-5 PM 717-473-3852 evenings.

IH, 1066, Excellent Condition, $9,850. 717-284-2761.

For Sale - Hesston 12' Hydro swing haybine, good cond., 215-944-0791.

7720 JD combine, 16' platform, 643 corn head, 4WD, straw chopper, 30.5 drive tires, new belts, chains and sprockets, 1300 hrs. 301-778-5255 eves.

For Sale - 325 bu. N.I. Spreader, hyd. tailgate, top beater, pan, new web 1 yr. ago $2950. Snyder Co. 717-374-8750.

3300 JD combine, like new, 427 hours; JD 38 harvester w/pickup. Good condition, 814-926-3669.

Holland fertilizer hoppers, like new, $650 for both, 717-587-4839.

For Sale - ST2 Lister Diesel rebuilt $1650; Rebuilt VH4D Wisconsin engine $825. Burkholder's Repair, RD#4 Bell Road, Penn Yan, N.Y. 14527, 315-536-6789.

IH 1456 dual remote hyd., 18.4x38 axle duals; heavy duty 20' Amco wing disc, new 22" blades, $12,000 takes both, 717-786-2534.

JD model F145 5-16 plow
JD 157 disk drill
IH 370 12' disk
IH 400 Cyclo 6R corn planter
fiberglass fertilizer box
herbicide, insecticide boxes with monitor.
IH 56U 4R corn planter with fiberglass fert. boxes, good cond.
Will deliver in PA
717-925-2801

New 1300 gallon PTO liquid manure spreader, $1800. Call between 8 and 9 AM 717-768-3197.

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw in hub which has the ability to tighten up on new or worn crank shafts. Also available new manufactured unbreakable fly wheels. Allen Machine Works, RD #7, Jonesboro, Tenn. 37699, 615-753-5738 day or night.

For Sale - 1980 AC gleaner, L2 corn plus, 400 hrs. on separator, 6 row narrow corn and 15' grain head, excell. cond., covered storage, $59,000. Warren Co., 201-753-5313.

FARM EQUIPMENT

JD 4320 w/cab, dual hydraulics, original paint, low hours, 814-793-4293.

Oliver 2150 131 h.p., 814-793-4293.

IH 350, good cond., recent TA and trans. overhaul 2 pt. hitch, $1650, trades considered, 717-464-2874.

For Sale - Diesel irrigation pump. New 50FB3 Hale pump with IH 282 diesel in excellent condition. Works well with traveling sprinkler or small sprinklers. Franklin Co. 717-532-6441.

For Sale - Case 970 diesel, 4 post C., dual outlets, radial tires, 2700 hrs. $6500. 215-683-7943.

For Sale - NH 1469 Haybine, Watercooled gas engine. Best offer over $1600. 215-683-7943.

For Sale - Hay Equipment - MF 6 bar rake, Int. 430 baler, NH 1037 stacker wagon, Equipment in Sussex County NJ, please call collect 802-457-1751 after 6 p.m.

JD 4020 Diesel, WF, 18x4x34" tires, very nice condition, 717-532-7054.

Farmers & Dealers – Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164

Combine, Harvester and Corn Head Parts For Sale off used machines. Wenger's. 717-866-2135.

Farm tires and tubes, fronts, rears and implements, low, low prices, Eddie's Tire Outlet, Willow Street, PA 717-464-5008 or Chambersburg, PH: 717-263-0013. Wilmington, DE 302-655-8500.

IH856 wide front, 3 pt., original paint, 814-793-4293.

Used Farm Tractor Parts by the thousands. Wenger's. 717-866-2135.

Crawler Tractor Parts.
New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others.
Rubber tired construction equipment parts available for Hough, Michigan, Galion and Cat Road Graders.
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Nicholson Hay Tedder
Nicholson PTO Tedder
(2) Grimm Hay Tedders
NH 55 Hay Rake
NI 752 & 751 Crushers
IHC #9 Mower
NH 450 3 pt. mower
Mc corn binder, gr. dr.
(2) Mc corn binders, PTO
IHC 100 7' Trailer Mower
(2) #9 Mc Silage Cutters
TOM WHEARY
Lancaster, Pa.
717-687-0102

JD 250 gallon sprayer, $500; Mott 5' Flail Mowers $550; NH 450 7' Sickle Mower; Ford 2R Cultivator, $250. All 3 pt. hitch. 717-687-0102 Lancaster County.

Chisholm - Ryder snap bean harvesters, all machines complete w/hyd. dump boxes, recond. and painted, 609-769-3183.

JD 7000 corn planter, 4 row, no till, w/monitor, 814-793-4293.

FARM EQUIPMENT

Ford 5000 diesel, 3 pt. wide front. 814-793-4293.

One JD 1520 tractor, 1775 hours; two NI hay wagons; one Ontario drill; one NH manure spreader; one barn scale; one corn elevator, 12' long. All in good condition. 717-867-5315.

For Sale - 1983 Honda 1100 Interstate, excellent condition. 717-426-2655.

Wanted to buy - front end loader to fit IHC 240 utility tractor. 717-687-0102.

NH model 256 rake, never used; also Bobcat model 720 skid loader, nice cond., 717-532-7054.

JD H, very good cond., new tires and live hyd., trans. and clutch, reconditioned, $1750, with plow and cultivator, 717-464-2874.

IH 340 Diesel, excell. cond., PS, TA, 2 pt. and weights, 2100 hrs., engine has been overhauled from top to bottom, 30 day money back guarantee, $3000, trades considered, 717-464-2874.

FARM EQUIPMENT

IH model 710 six 18" furrow plow, like new. 302-653-9668.

For Sale - NH Blower Super 24 long chain table, PTO, excellent, used very little $700; JD corn chopper 25 3 pt. hitch used very little $750. Green N.Y. 607-656-4568.

Wanted - 50 to 60 H.P., JD or MF diesel WFE tractor. Cash. 301-756-2637.

Moving, must sell - New diesel engine, GM of England, 6 cyl., 100 HP, East York area, new cost $3790, sell for $2000. 717-757-6405.

Used model 336 JD baler, excell. cond., baled approx. 15,000 bales, 717-423-6110, Franklin Co.

JD 3020 diesel, wide front end, turbo, good condition; JD 4010 diesel, wide front, w/turbo charger, good condition; JD 40 self-propelled combine w/cab, 9' header. 215-445-4410.

Farmall H tractor w/IH 33 loader, $850. 717-367-5664 after 7.

FARM EQUIPMENT

Ford 3 pt. mower belt driven, IHC belt driven 3 pt. mower, JD M tractor cult. & plow. Int. 420 baler for parts & 46 baler. Rotary mowers & hay rakes. 1-717-786-3087.

Int. 3 pt. mower, JD 14T baler w/thrower, NH 56 baler. 1-717-786-3087.

Wanted - burned or fire-damaged combines and tractors, prefer JD, will pay cash. For offer call 215-756-4341.

Farmall Cubs and Super A, lots of equipment also 135 with loader, lots of equipment, excell. cond., priced to sell, call 8 to 5, 717-246-1616.

4020 turbo diesel, wide front end, power shift, very good condition. Also 148 loader. Sell both together or separately. $11,500 for pair. 201-689-2557 or 689-2162 after 9 PM.

NH 310 hay baler; NH 213 spreader, new condition. 607-656-7263 after 5 PM.

Oliver 1950T cab and air. 814-793-4293.

FARM EQUIPMENT

400 IH rotary mower, 6' width, $500. 215-286-6528.

MF 510 gas w/quick-tach heads, $4500. MF 1135 w/duals, weights, quick hitch, $9000. Hershey 717-534-1253.

For Sale - IH 205 combine, 13' header, hume reel, good cond., Perry Co., 717-789-3384.

JD 4400 Diesel combine, 214 flex head, 444 corn head, 1500 hours, very good, 301-836-1916.

"Oliver 50" PTO baler with thrower, ties excellent, Oliver hay conditioner, Kosh side mounted mower, 25 ft. 3½ in. diameter grain auger with hopper, 12 ft. 3½ in. diameter grain auger, Oliver 5440 3 bottom semi-mounted or 3 point trip plow-hillside attachment category 2 hitch, Case 24 ft. grain and hay elevator on wheels E2 model, and 120 bushel farmers gravity flow wagon with running gear. 215-756-6503 after 4.

FARM EQUIPMENT

Oliver 2050 diesel dual hydraulics, original paint, low hours, 814-793-4293.

For Sale - (New) NH 256 roller bar rake, $1850, 717-768-3197.

For Sale - JD 7700 Combine. 301-885-2450.

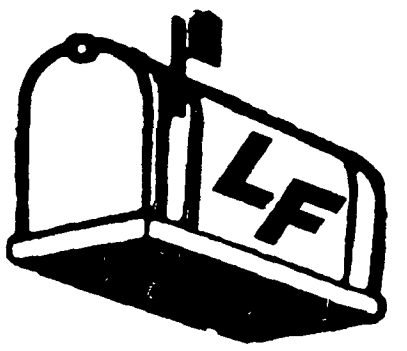
JD 3 bottom disc plow, IH 58N 8' disc, IH 153 four row cultivator, 165 gallon 8 row weed sprayer, 40'x6" Snowco grain auger w/extra tubing and auger parts, Dellinger hammermill model H, 300 gallon elevated fuel tank, 275 gallon fuel tank, belt driven rotary saw, assorted rolls of heavy galvanized wire fence and many misc. farm parts. 215-666-5410 after 6 PM.

2155 Hawk Bilt flail tank spreader, like new, $2700. 717-776-6203.

Farmall Super C, comp. rebuilt, like new, lights, cultivators, 2 bottom plow, 3 pt. hitch conversion kit, $2450/offers. 201-948-4565 Sussex Co.

For Sale - Diesel power Detroit units. Models 2-71, 3-71, 4-71, 6-71, 717-776-7725.

HANDY CLASSIFIED AD ORDER BLANK



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FARM EQUIPMENT

JD 4320 diesel, dual hydraulics, wife front, 814-793-4293.

28" Frick thrash. mach. 8"x120' belt; NH #77 straw baler; 8 ft. grain binder; All good cond. Jacob B. Zook, 4021A Old Phila. Pike, Gordonville, Pa.

Northwest single hopper potato bagger Model No. ABHL completely rebuilt and painted, 717-656-8036.

1976 MF 1135, 2750 hrs., cab, air, heat, 20x38 rubber, 75% of tread tractor in A-1 cond., $11,900, 301-349-5432.

Knight model 500 spreader, in excellent cond., 717-872-9152 daytime, 872-2579 evenings and weekends.

IH 480 disc harrow, 20' wide, all new discs, rebuilt and painted, 609-769-3183.

COMBINES - Oliver 545 w/4 row CH and 12' grain head, 2 Oliver 5542 w/12' grain heads, all in running condition. State College. 7 AM-6 PM 814-238-0133. After 6 PM 814-237-1464.

For Sale - JD 4020 Diesel, also JD 3020 Diesel both have wide fronts and in nice cond., 717-532-7054.

For Sale - 1206 International tractor, good cond., $7500, 717-758-4858.

JD B, good rubber and cults., 717-665-4642.

Delta Farm Repair - repair on old and new farm machinery, welding and burning. Located in Old Robinson Building in Delta. 717-456-5050, home 456-5049.

For Sale - 60" sickle bar, $300, cultivator $175, for Cub Low Boy, 717-566-8547.

Will do welding and repair work in my shop. 717-859-3283.

TD6 IH loader w/4-in-1 drop bucket. Old antique Case farm tractor. 9 ton 3 axle tag-along trailer. 717-648-7015.

IH 844 4RW cornhead; 810 13' grain head, both v-good condition, 717-762-1674.

For Sale - NH model 696 spreader, 10 ton, good condition. Call after 3 PM 717-653-4420.

Fox forage harvester, model 2000, base unit w/2 row 30" corn head. $1900. 301-648-5279.

Case Diesel W5 loader with bucket and forks, 1600 hrs., 814-696-0868.

Wanted to buy - 2 row Hershey transplanter, in working condition. 215-582-5990.

For Sale - IH 7' haybine; IH 2 row and 4 row cultivators, fast hitch and 3 pt.; IH fast hitch 7' grass mower; Oliver 17 disc grain drill and gravity bin wagons. 215-562-4464.

JD 4020 wide front, ps, dual wheels, dual PTO, dual hyd., 814-696-0868.

Bear. Cat Hammermill with 5' conveyor, Kore Peachey, RD 1, Box 342 Belleville, PA 17004.

5600 Hesston round baler, new cond., 814-696-0868.

For Sale - MF 35 combine, overhauled and new engine, Bucks Co., 215-536-9672 eves.

Ford Jubilee tractor, excell cond., live hyd., new tires, 814-259-3311.

450 JD crawler, 6 way blade, good cond., new paint, 814-696-0868.

Martin Scavenger manure spreader, model 1666, excell. cond., Union Co., 717-524-9754.

JD backhoe and front end loader; MF 235 diesel tractor, 700 hours, Hesston self-propelled windrower; Vicon wheel rake; JD 6600 combine, New 48 HP diesel tractor and New 5' Bush Hog, special price $6650 703-882-3573.

Oliver 1855 w/cab, 814-793-4293.

FARM EQUIPMENT

For sale - 1954 Ford Jubilee, complete overhauled motor, Bush Hog plow 2'4 cultivators disc, best offer. 717-284-3280.

28' bale elevator, $250. 717-548-2877.

For Sale - 3 bale wagons, 2 7x14's, 1 8x18, 717-382-4254.

NH 845 round baler, good cond., NH 80 bale mover, 301-582-1927.

Wanted - Old barns and other out buildings, will pay cash. S & T Salvage 717-456-7583 RD#3, Box 80 Delta, Pa. 17314.

Moving must sell Case 300 tractor, Case two bottom plow and disc, $2400. 717-626-0846.

For Sale - AC W-C snap coupler 2-14" plows, tires like new rear, best offer. 717-284-3280.

For Sale - IH 150 spreader, three beater, exc. cond. Case four bottom mounted plow, NI three point hayrake, new JD tractor tire, rim and hub 23.1 x 30. Also two service age Holstein bulls. 215-932-2767.

For Sale - New Idea Uni System 704 power unit 710 combine 767 Super chopper 768 corn head 711 grain head, priced to sell. York Co. 717-862-3682.

Farmhand wheel rake, $225. 717-665-3860.

Glennco 14' field cultivator w/mounted scratch harrow, like new. 609-769-3183.

1974 IH harvester hydro 100, twin outlets, roll canopy, perfect condition, $8500. 301-833-9091.

For Sale - JD 2040, DFL, like new, 540 hours, PS, dual rear hyd., $9500. 814-435-2861 Tioga Co.

JD 350 dozer, 1300 hrs., $6400. 717-665-3860.

JD 4020 dual hydraulics, wide front, 814-793-4293.

For Sale - John Deere 494 corn planter, John Deere RG430 cultivator, both set for 30 inch rows, please call 302-492-3454 after 6 PM.

NH 402 Rake $1200
NH 256 Rake $1350
NH 256 Rake $1500
NH 1038 Bale Wagon
NH 315 Baler and #70 Thrower
WENTZ FARM SUPPLY
Palm, PA 215-679-7164

IH 403 combine with cab and gear drive, 13' platform with pickup reel, 3 row wide corn head, good mechanical condition will sell for $2500, delivery available, 717-464-2874.

For Sale - JD 3020 Diesel tractor w/cab, dolly mounted sickle bar mower, tractor has wide front end, looks a little rough but runs excell., $4000, 717-865-3488

6 ton Tag-Along Trailer; IH 500E w/ROPS, 250 hrs. $14,500; IH 510 Articulated Loader, like new $32,500; Cat 933G Loader $8500. 717-933-5734.

Case 450 Crawler Loader $8500; AC HD 21 Hydr. Dozer, needs engine work $2500; IH 3400 Backhoe Loader $8500. 717-933-5734.

Minneapolis Moline 950 diesel, excellent condition, 814-793-4293.

For Sale - 4 W.D. Suzue, 15 h.p. diesel, front-end loader, 3 pt. hitch, 3 speed power take-off, 280 hrs. $6700. With rototiller $7300. Schuylkill Co. 717-345-8079

NI grain harvester, like new with 13' flexible head, cut less than 100 acres, 717-637-2251 day, 637-5270 after 5.

Bobcat loader, 35 HP, Deutz diesel, light oversized tires, 2 buckets, in new condition, 120 hours on machine, rated 1300 lb lift. 717-865-2757

For Sale - 710 combine fits Uni-System with 11' cuts Universal reels, Chester Co., 215-857-3282

FARM EQUIPMENT

JD 4230 Roll Guard, dual hydraulics, 814-793-4293.

2 automatic Mix-Mill hog feeders with 11 hoppers 5' apart for floor feeding, $400 each. Fred. Co., MD. 301-829-2925.

Gallion 700 motor grader. 703-721-2150, 721-2528 eves.

Ford 7700, diesel, low hours, exc. condition, all available options, except cab; Ford model 151 automatic reset plow, 3 bottom. 814-839-2514 after 6 PM.

JD 3020 wide front, good condition, 814-793-4293.

JD 45 EB self-propelled combine, 10' header, ready to go, $4000. 215-445-4410.

NH 489 haybine, new, never used, double action cylinder and additional knives included, all new. $8500 cash. 301-898-7097 after 6 PM.

New Holland Self Propelled haybine $6000. Field sprayer mounted on Oliver 660 tractor front mounted 40' spray booms, 150 gal. fiberglass tank. Meyers PTO pump $5500. All in good condition. Montg. Co. 215-272-0928.

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WE HAVE NOT INCREASED OUR PRICES
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LEASING IS AVAILABLE
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SUPREME RING-DRIVE OR SURFACE DRIVE UNLOADERS IN STOCK.
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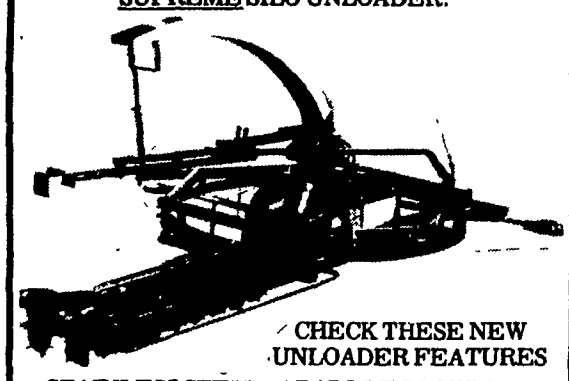
"NEW" MODEL SS428 TURBO RING-DRIVE SUPREME SILO UNLOADER.



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STAINLESS STEEL - 4 PADDLE BLOWER.
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"SUPER" SPECIAL:
1 - 24x75 LANCASTER SILO
COMPLETE (5 YEARS OLD)
1 - 24' VAN DALE MAGNUM SILO
UNLOADER (3 YRS OLD)
BOTH UNITS INSTALLED AT YOUR PLACE $19,000.00

1 - 20x60 SILO, COMPLETE W/STAVE CHUTE.
CALL FOR DETAILS

CALL 717-299-3721
LARRY HIESTAND - OFFICE
WAYNE LLOYD - SALES

FARM EQUIPMENT

For Sale - IH 203 combine, 10 ft. header, 63 F700 Ford truck, 16 ft. dump, needs repair. 814-237-7523.

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IHC 315 Mulch Packer
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JD AW Disc 12'
Woods Cadet 60 Pull Type Mower
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JD 507 Cutter
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JD 494A Planter
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JD 347 W Baler
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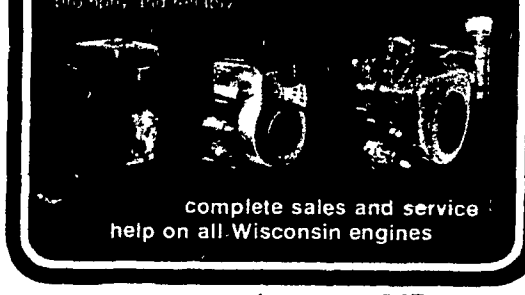

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AC 440	IH 504	Ford 4000
AC 200	IH 300	MF 65D
AC XT190D	IH 340	MF 65G
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630 Bobcat Skid Loader
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Ford 8000 Tractor
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Ford 5000 D
Ford 4000, line PTO
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David Brown 780
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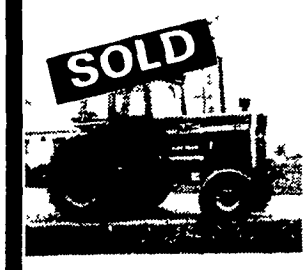

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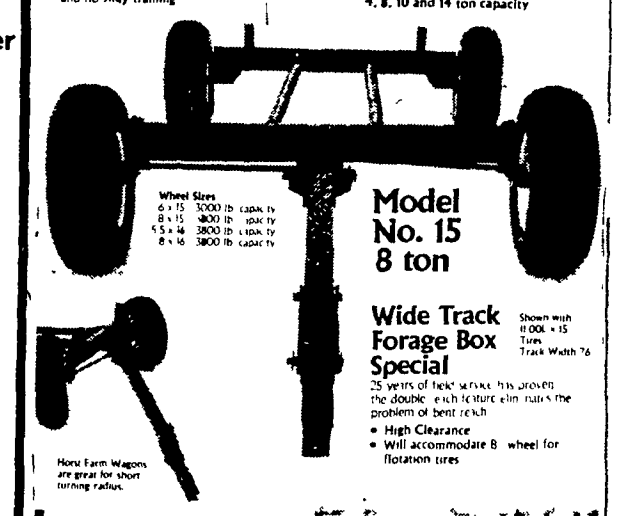
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Shown with 11.00L x 15 Tires
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- NI 767 Super Chopper
- NI 737 Cornhead
- NI 323 1-Row Cornpicker
- NI 2-Row Cornpicker
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- Case 300 Harvester
- Case 220 Baler w/Thrower
- NH 717 Harvester
- Gehl 1200 Harvester w/pickup and 2-row cornhead

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- Case Hay Rake
- NI Hay Rake
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Fox 3310
Fox 3000
Fox 299 80" Flail Head
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AC 4R Planter
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NI 710 Combine
NI 725 3R Head
20' Brady Field Cultivator
Kewanee 20' Field Cultivator
JD 125 & 716 Tandem wagon, 3 btr. & roof
Gehl 810 & 910 Fg. Wagon, 3 btr. & roof
Farmhand Recutter Blower
Hesston 1014, 12 Ft. Hydro Swing Windrower
Westfield 744 auger PTO
UFT 400 bu. Grain cart
NH 442 Disc Mower
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20.8+38 Axle Duals for AC 7040

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SC 7 Soil Controller
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New Pequea hay tedders
New Zimmerman running gears & elevators
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2 row JD corn planter
MF sickle bar mower
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Grimm hay tedder

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Massey Ferguson

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MF 285, 8 spd.
AC WD

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JD 4 x 16 Plow
JD 12' Tandem Disc
(2) Drag Harrows

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Ferguson 3 pt. Mower
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MF Model 3 Baler w/thrower
AC 303 Baler w/thrower
AC Hay Rake
NH 36 Crop Chopper

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NH L-35 Skid Steer Loader
Gehl 2600 Skid Steer Loader
NI 214 Manure Spreader

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NH 718 Forage Harvester
Heavy Duty PTO, Mechanical Controls
770 w/Pickup Head
$6,950

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New NI 323 Picker
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Ford 9N Tractor
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MM U302 Tractor
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IH 56 4 R Planter (Excell)
JD 1250 6R Planter
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Hesston 1014 Windrower
NI 402 Rake
Ford 501 Rr Mower
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Farmhand wheel rakes, hay fluffers, rotary mowers, hay wagon, flail mowers, NI sickle bar mower, post hole diggers, post drivers.
Tractors:
IH 140, 103, A, Cub & Cub Lowboy
Other tractors all sizes & makes
KEENER EQUIPMENT, INC.
1531 Manheim Pike
Lancaster, PA 17601
717-569-9861

USED TRACTORS
- '64 JD 4020 Diesel, wide front
- (1) '78 4240 cab, quad range, transmission, 18.4x38 tires, low hours
- '76 JD 8630, 4WD w/dual 30.5x32 - 24.5x32 dual tires, 3765 hrs., nice condition
- '68 JD 5020 With Duals
- '75 JD 4430, cab, air, synchro transmission w/creeper gear & dual 18.4x38 tires
- '59 AC D17 Diesel
- '69 Oliver 1850 Diesel
- TO-30 Ferguson

CORN PLANTERS
- '82 AC Model 333, 15-20" Row, No-Till Bean Planter, Dry Fert., Insecticides
- JD 7000 8-30 Dry Fert. No Till Coulters Insecticides, Monitor
- IH 6-30 air planter

USED CHISEL PLOWS
- IH 13', 3 Pt.
- Graber 26" Flex

USED PLOWS
- JD F145 - 5-16 Semi Plow

USED COMBINES
Waiver of Interest till Sept. 1, 1983
- '72 JD 4400 - 14 Ft. Platform
- '75 JD 6600 Rotary Screen, 15 Ft. Platform
- '76 JD 6600 Rotary Screen, 216 Flex Platform
- '71 JD 7700 - 220 Flex Platform
- '74 JD 7700 - Rotary Screen, Mud Hog Drive, 16 Ft. Platform
- '79 JD 7720 - Mud Hog Drive, 216 Platform
- 68 JD 95 Diesel, Corn-Bean Special w/Intermediate Feeder House, 14' Platform
- '79 JD 8820, 843 corn head, 220 flexible cutter bar

'81 JD 8820 4 wheel drive, factory duals, 1100 hrs., w/1243 corn head & 220 flex cutter bar, exc. shape

CORN HEADS
Good Selection of John Deere
343-443-444-643 Cornheads

MISCELLANEOUS EQUIP.
- JD 27 flail shredder
- Brillion 3 pt. 4 row cultivator
- JD BWA 14' Disc Harrow
- M&W 450 grain dryer, PTO dry
- JD 210 14' disc harrow
- JD 38 Harvester w/2 RW Head
- JD 38 Harvester, Electric Controls, w/2 RW Head, 5½' Pickup Attachment
- JD RG8 Cultivator, 8-30" Rows
- MF Sickle Bar Mower, 3 Pt. Hitch
- JD 1210 Grain Cart 400 Bushel

W.N. COOPER & SON, INC.
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Chestertown, MD
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WISCONSIN ENGINES

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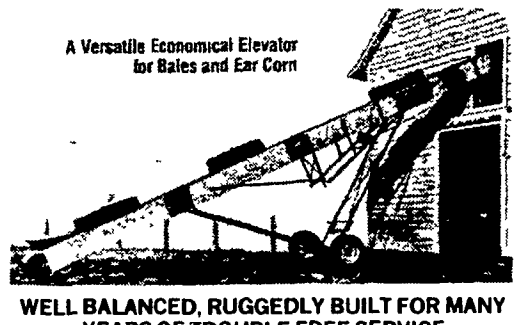
Sales and Service

AVCO VM Diesel

ADAPTABLE TO MOST APPLICATIONS
From 13HP to 200HP AIR COOLED

ZIMMERMAN PORTABLE ELEVATORS



WELL BALANCED, RUGGEDLY BUILT FOR MANY YEARS OF TROUBLE FREE SERVICE

28 Ft..... $1270 32 Ft..... $1345
Also available every 4 ft.
36 to 48 ft.

USED TRACTORS
- AC 220 w/cab
- IH 560 Diesel

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Sweigard Brothers
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Halifax, PA 17032
717-896-3414

FORD TRACTORS
New TW 20 w/cab, 4wd, air
New 7700 w/cab, air
New 6600
New 1700
New 4R No-Til Air Corn Planter w/fert. & insect.

SPERRY NEW HOLLAND

NEW HOLLAND
New TR70 Combine w/cab, air, heater, w/cat. engine and lots of extras
13' flotation header and cutter bar, w/hume reel
962 N4 corn head
New NH harvesters - 707, 718, 782
New NH 892 w/metal detector
New L35 gas, L555 diesel, L775 diesel skid loaders
New 353, 358 Grinder-Mixers

AVCO NEW IDEA

NEW IDEA
New 299 9'3" mowditioner
NI 406 rake
NI 323 one row corn pickers
NI 213 & 244 Manure Spreaders
NI 3-pt. Hitch Fertz. Spreaders

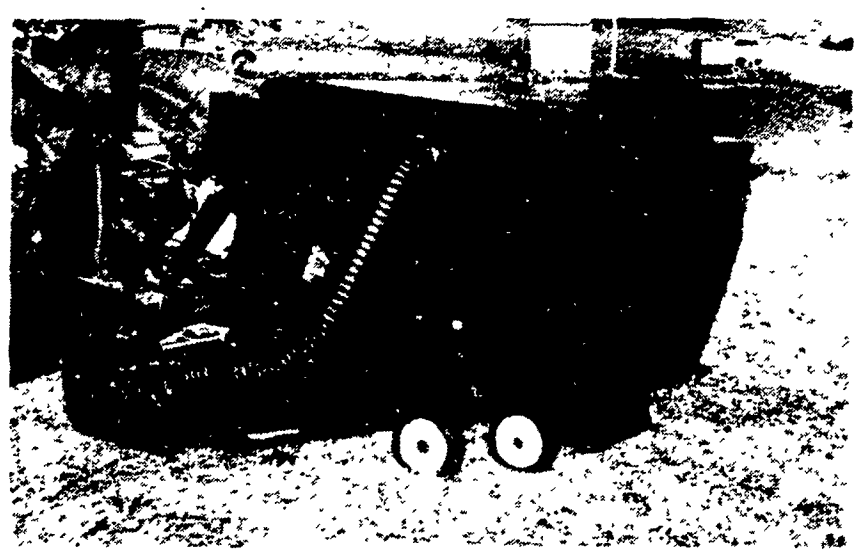
New Glencoe 12'9" Finishing Harrow
Used JD 340 Disc Harrow

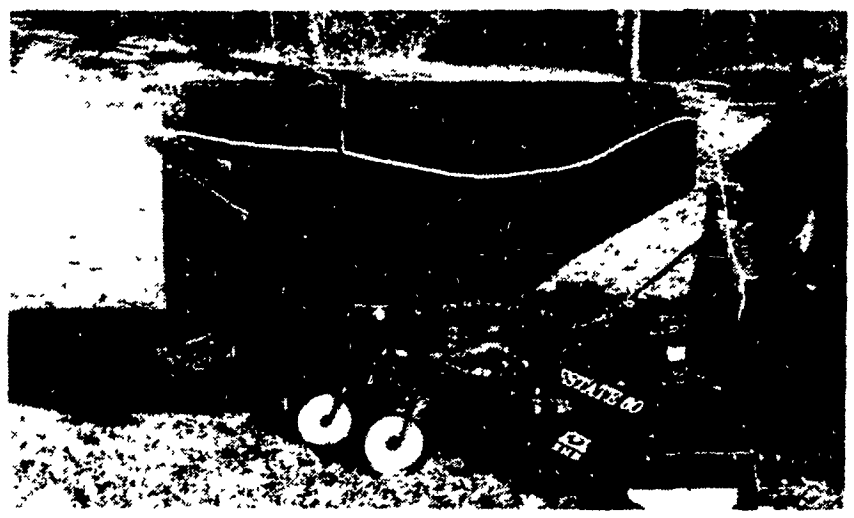
NOW AVAILABLE... THE NEW

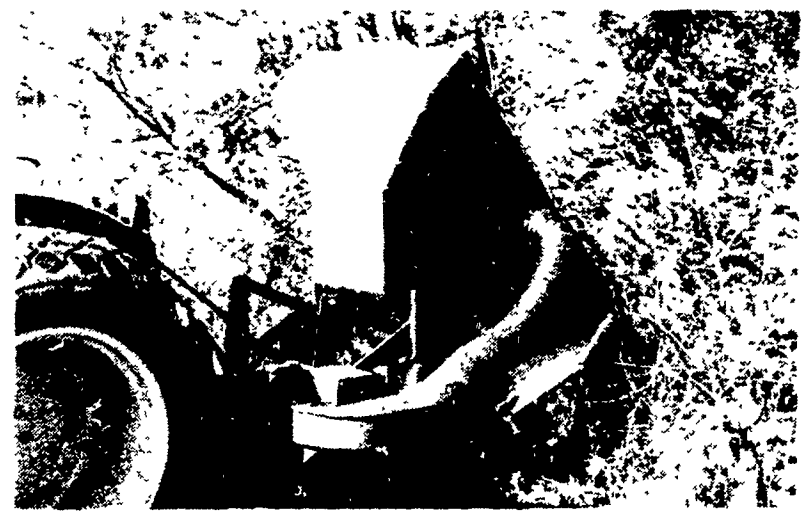
BMB® ESTATE

48", 60" and 72" REAR MOUNTED ROTARY MOWER

With GRASS CATCHER ATTACHMENT







- Grass Catcher and Leaf Catcher
- All Steel Construction
- 17 Bushel Capacity

BMB COMPANY Inc.

BUY THE PROVEN .... INSIST ON BMB

- Semi-Mounted Hopper floats independently of mower
- 14" Blower Fan

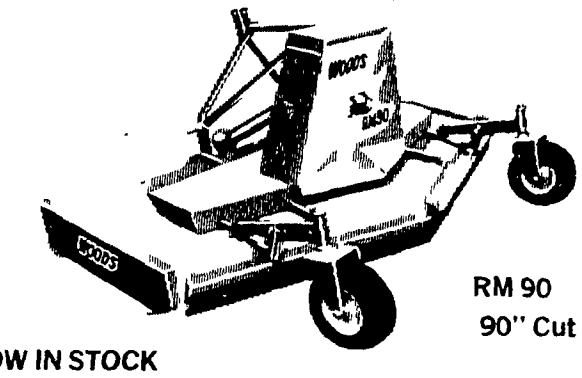
Call Now For A Free Demonstration

We Will Trade Your Old Mower

BUSH HOG SQUEALERS
NOW AVAILABLE IN THREE SIZES -
Over 20 In Stock

- SQ42-42" Rotary Cutter..... $495.00
- SQ48-48" Rotary Cutter..... $550.00
- SQ60-60" Rotary Cutter..... $595.00

WOODS
Division of Hesston Corporation



RM 90
90" Cut

NOW IN STOCK
We Stock Woods Parts

BMB
6 PT.
3 PT.

THE NEW
ECONO-6
ROTARY CUTTER

- 3 Pt. Cat. I Hitch
- 1½" - 12" Cutting Height
- 14N Series Driveline
- 40 H.P. Gear Box
- 540 R.P.M.
- Shear Pin Protected

9 In Stock

SPECIAL PRICE
$795.00

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Located in the Village of Farmersville, Lancaster County
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Hours: Mon., Thurs. 8 AM - 8 PM; Tues., Wed., Fri. 8 AM - 5 PM; Sat. 8 AM - 3 PM

Bolens DIESEL TRACTORS

WHITE FARM EQUIPMENT

FARM EQUIPMENT

NH TR 75
Pay New Holland what we owe and it's yours!

New White 2-85 Tractor

Used Woods Mowers

JD 1209 Haybine

Ford 537 7' Haybine

NI 290 Haybine

Planters

Tri-Axle 18,000 16, 24' Trailer

New Idea #218 Spreader

SHEETS BROS.
New Holland, White
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JOHN DEERE

JD 4630 Tractor
JD 4430 Tractor w/Roll Guard
JD 4430 Tractor w/Row Crop Fenders
JD 4030 Tractor
JD 4010 Tractor w/Loader
JD 2640 Tractor
JD 2640 Tractor
JD 2640 Tractor w/145 Loader
JD 2440 Tractor
JD MT Tractor w/plow, Cultv. and Mower
JD MT Tractor w/Cultv. & Wood Saw
JD H Tractor w/plow & cultv.
Farmall 656 Tractor
Farmall M Tractor
Farmall H Tractor
JD 170 Skid Steer Loader
IH 184 Lo-Boy w/mower
JD 24T Baler w/ejector
JD 7000 6R Consv. Planter w/Liquid Fert.
JD 7000 4R Consv. Planter w/Dry Fert.
JD 7000 4R Consv. Planter w/liq. fert.
JD 1240 4R Plateless Corn Planter
NI 325 2R Corn Picker
JD 3800 Chopper w/2R corn head
JD 35 Chopper w/2R corn head
JD 3940 Chopper w/2R C.H.
JD 110 Disc
JD BWA Disc
JD B Plane 15 Disc Grain Drill
JD FB Grain Drill
JD 4400 Combine w/Platform & C.H.
JD 4400 Combine w/444 Corn Head & 13' Platform
JD 7700 Combine
JD 7700 Combine w/643 Corn Head & Platform
JD 55 Combine w/Platform & 2R Corn Head
Gleaner A Combine
JD 244 Corn Head
JD 125 Chuck Wagon
JD 716 Forage Wagon
NI 279 Cut/ditioner
JD 1450 4B Plow
JD 145 6B Plow
JD 1450 5B Plow
IH 5B Plow
IH 6B Plow
NH Tank Spreader
JD 400 Grinder Mixer
JD 400 Lawn & Garden Tractor

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160
Ph: 301-452-5252

JOHN DEERE

USED TRACTORS
* Case 2590, 190 hrs., 1981
* IH 574 Diesel
* IH 656 Gas Hydro
* Ford 3600 Diesel, 1100 hrs.
* AC 190 XT Dsl.

USED HAY AND FORAGE EQUIPMENT
* NH 770 Fg. Harvester 2RW, 2RN, 6' PU, Direct Cut
* NH 1890 Self-Prop. Cab, A/C, Cat. eng., 3RN & 7' P.U.
* JD 336 Baler w/Kicker

USED TILLAGE
* JD 7000 12 Roll Front Folding Planter
* JD 400 Rotary Hoe 20'

USED COMBINES
* JD 7700 Hydro Rotary Screen
* JD 16' Rigid Platform
* JD 220 Flex Platform, like new

MISCELLANEOUS
* JD 709 3 pt. Mower 7'
* JD 27 Flail Shredder
* 16.9x28 Duals
* G.E. Electrack Mower
* Gravely Mowe~~SOLD~~ulky
* JD 68 rider w/bagger
* IH 129 Hydro 12 h.p. Mower
* JD 212 12 h.p. Mower
* JD 214 14 h.p. Mower

We Cater To ALL Farmers, BIG or Small

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or Billy 778-6024

MF Massey Ferguson

USED MF COMBINES
8.9% Financing for 3 years or waiver of finance charges till May 1, 1984
Plus $500 purchase certificate.
Offer Expires July 1st.

NEW EQUIPMENT IN STOCK
MF 540 diesel combine
MF 860 diesel combine hydro
MF 1144 corn head
MF 1163 corn head
MF 15' table w/floating cutterbar
MF 13' U-II reel
MF 15' U-II reel
MF 22 bale thrower
Vicon mower conditioners, demo
Vicon fertilizer spreaders
Pequea hay tedders
McConnell forage wagon
Beaver III four wheel drive tractor
Woods mowers
Vicon 4 and 5 wheel rakes
Hefty bale wagon

USED EQUIPMENT
Ford 9600 tractor
MF 2675 tractor less than 500 hours
MF 1450 garden tractor
MF 285 diesel tractor
MF 760 combine w/6 row corn head & 16' grain table
MF 510 combine
MF 300 gas combine w/2 row corn head & 13' grain head
MF 44 corn head
MF 1143 corn head
Brady chisel plow
MF 1978 industrial 30 B tractor w/ROPS & loader and 3 pt.
Hesston PT 10 haybine
MF 81 haybine
MF 10 baler
NH 275 baler
NH 285 baler

Renting skid steer loaders.

Radio Dispatched Service

Guaranteed
Sisal Twine $20.40 per bale
Discounted Price on
Quantities of 10 or more

Save Up to 40% on New Holland Parts

ABRACZINSKAS Farm Equipment, Inc.
RD1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

NEW TRACTORS
JD 2950 MFHH
JD 4240
JD 4050
JD 4250
JD 4450
JD 2440
JD 4240 QR, SG Body $35,000
(2) JD 125 Ski Steer Loader, Dsl. 14 cu. ft. bucket 65" $15,000 ea. No Trade
JD 6620 Side Hill Combine
JD 7720 Combine

NEW MACHINERY
JD 445 Spreaders
JD 115 11' Disc
JD 315 13' Disc
JD 1219 Mower Conditioner
JD 660 Rakes w/rubber teeth
JD 3940 Fg Harvester
JD 714 & 716 Forage Wagons Running Gears
JD 2600 5Bx18" Plow
JD 1250 Plow 3Bx16" $1800 N/T
JD 1250 Plow 4Bx16" $2450.95
JD 2700 6Bx18" Plow
JD 7000 Conservation Corn Planters 6R
JD 16x10 FF Drill $4000
JD 8300 18x7 FF Drill
JD 327 Baler w/ejector

USED MACHINERY
1-IHC 830 Fg. Harv. 1981 model, PU & 3 R.C. H $11,000
JD 6600 Combine, 13' grain head, 444 corn head $29,000
1981 White Combine 7300 w/704N 4 Row Corn Head $25,000
Ford 6600 Tractor, 600 Hrs. $12,000
JD 400 Tractor Model 1981 w/60 mower $4,800
1-Yazoo Tractor and Mower Model 35 $2800
2-105 White Tractor $14,500
MF 175D Tractor $7,500
JD 90 Skid Steer Loader $7,500
JD 1500 Power Till Seeder $3,000
(2) Gehl Wagons, Tandem Axle w/440 bu. McCurdy btm. $2,500 each

JOHN DEERE

WALTER'S SALES & SERVICE, INC.
RD 2 Box 49 Mifflinburg, Pa.
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JD Agricultural Dealer and CP

USED FARM EQUIPMENT
JD 4440 tractor, 145 hrs.
JD 4240, like new
JD 4430 w/duals
JD 2440 w/loader, 710 hrs.
JD L Tractor w/plow & cultivators
MF 205 Diesel Tractor
MF 220 Diesel Tractor w/mower, 100 hrs.
JD 1250 3x16 plow, like new
JD F125, 4x16, 3 pt. plow
18' Brillion transport harrow
JD 1450 5x16 semi-mtd. plow
Freeman loader for MF 135 tractor
Farmhand loader for JD 3010
JD 465 flail spreader, like new
JD 336 baler w/ejector
JD 14T baler w/#2 ejector
MF #3 baler
NI 30' elevator
IH 56 corn planter w/disc openers
MM 32 blade transport disk harrow
JD 38 harvester
JD 716 forage wagon
JD 494A Planter
JD 7000 6 RN Conservation Planter
White 5400 6 row N. no-till planter, 2895, as is
JD 8350 grain drill, dd openers, excell.
JD 8300 grain drill, dd openers
JD FB 13x7 grain drill
JD FB 17x7 grain drill
JD 506 3 pt. 5' rotary cutter
JD 444 corn head
JD 6600 sidehill combine w/13 ft. grain head & 4 RW corn head $37,995
JD 494 planter
JD 6620 sidehill combine w/15' flex platform and 6RN corn head
18.4x34 snap on dual wheels w/tires
Badger Spreader

NEW FARM EQUIPMENT SPECIALS
JD 4440 Tractor
JD 2440 Tractor
JD 410 Round Baler
Call For Special Reduced Prices

JD Cash Rebate Available on all the above equipment
Please call for details

	L.P.	S.P.
JD 115 10' Disk Harrow	4533.00	3850.00
JD 950 Roller Harrow 12'	6133.00	5250.00
JD 90 Skid Steer loader	10,633.00	8495.00
JD 146 loader	3576.00	2750.00
3 point scraper blades JD 115, 9'	1601.00	1225.00

PACE

VISA

NEUHAUS'ES INC.
John Deere Sales & Service
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Phone - 717-428-1953

FARM EQUIPMENT

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IRRIGATION - WASTE - MANURE - FIRE - INDUSTRIAL
New - Used
Diesel, PTO, Electric, Gasoline

SALE - USED

GORMAN-RUPP PUMP
w/gasoline industrial engine on rubber tired trailer, 500 GPM at 160 PSI - guaranteed $6000

HALE
500 gallon pump on base to mount to your engine $400

MARLOW
4"x4" on base adaptable to electric motor, good value, $500

REYNOLDS ALUMINUM PIPE
Irrigation, Repairs & Gaskets for:
RACE, WOSCO, WADE, IRRECO,
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Good rebuilt GORMAN-RUPP PTO pump, also used Hale, CMC, Marlow, Peerless-Electric

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TRACTORS
JD 4240 w/cab, 400 hours $28,000
JD 4040 power shift $19,000
JD 3020G PS. $5900
JD A. $1200
IH 1086 w/cab 1180 hrs. $18,500
MF 1085 ..... $8900
MF 1080 Diesel $5900

SPECIAL PRICES ON COMBINES
1982 JD 6620 Side Hill w/2 heads $75,000
1977 MF 750, 1700 hrs. 2 heads $29,500
1978 JD 6600 Sidehill $43,750
1979 JD 6620 Sidehill $59,900
1980 MF 760 338 hrs. w/2 heads $55,500
JD 45 w/2 heads $8900

TILLAGE
JD 1450 5x16 Plow $2900
JD 145 5x16 Plow $1550
JD 1010 13' PT Field Cult. w/Tine Attch $2800
JD 950 12' Roller Harrow $2700
JD 950 10' Roller Harrow $1900

PLANTERS
JD 6 Row 7000 Conserv. w/Liquid Fert. $8000
JD 6 Row 7000 Consev. Dry Fert. $7500
JD 4 Row 7000 Dry Fert. $5900
White 5400 4 Row $3600
MF 468 4 Row $950
MF 468 6 Row $1850

MISCELLANEOUS
JD 350 Mower $1350
JD 750 Grinder Mixer $4100

BLUE

NEW JOHN BLUE L-13040 500 Gallon Ground Driven PUMP SPRAYER
SPECIAL
$5,995.00

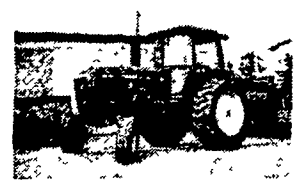
JOHN DEERE

TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone: 717-362-3132

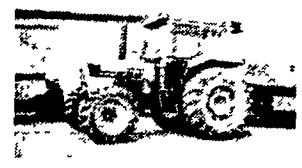
JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

NEW JOHN DEERE 50 SERIES TRACTOR
4250 w/Caster/Action™, MF WD
P. Shift, Trans., Demo., Low Hours
CALL FOR SPECIAL PRICE

CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE NEW EQUIPMENT SPECIALS



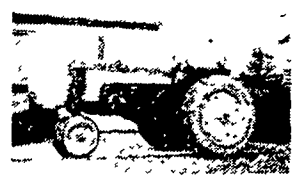
JOHN DEERE 4240 TRACTOR
Cab, Air, Duals,
Good Condition
$24,900



1981 DEUTZ 6807A TRACTOR
Cab, MF WD, AM/FM
Priced at **$16,900**

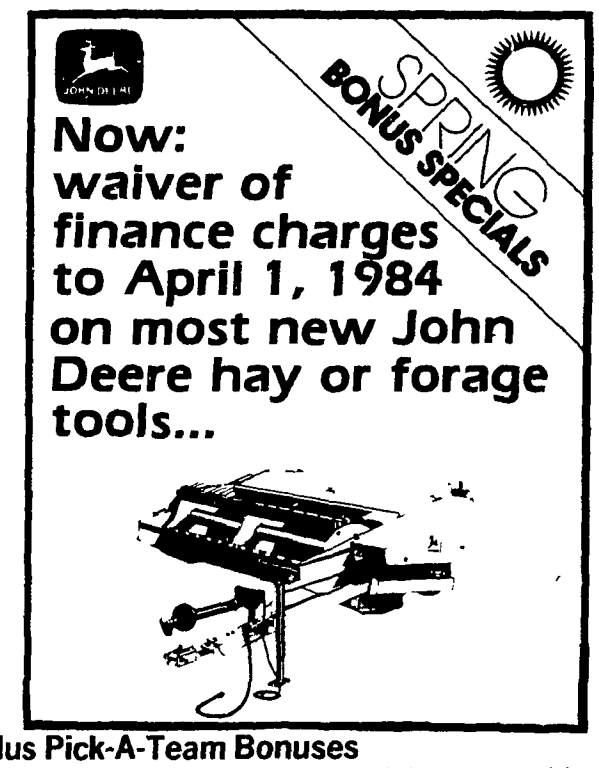
SATOH S550G TRACTOR
w/60" Mower
Good Condition
$3,695

MASSEY FERGUSON 750 COMBINE
w/12' Platform
Excellent **$39,900**
1163 6R CORN HEAD
Excellent **$9,500**



JOHN DEERE 730 DIESEL TRACTOR
Rollmatic
Good **$3,850**

MASSEY HARRIS 82 SP COMBINE
w/12' Cut
Special Price **$1,500**



Plus Pick-A-Team Bonuses

Now you can replace any worn-out or fully depreciated hay or forage tool with a high-performance John Deere tool - and do it without a big cash outlay. Get our super deal on whatever tool you need - (except rakes, mowers, or 27 Shredder). Then finance it with John Deere and finance charges will be waived to April 1, 1984.* You'll put up your 1983 crop with more efficiency .you'll get investment credit and depreciation against 1983 income ..yet you'll pay no finance charge until April, 1984!

On top of that, if the tool you buy is included in the list below you'll qualify for the 1983 John Deere Money bonus indicated. And get a certificate qualifying you for the Pick-A-Team Double Bonus when you make your second machine purchase from the list by April 30, 1984 (To qualify, one purchase must be a John Deere mower/conditioner) Don't delay. these offers can be withdrawn at any time

First Machine Purchase of a	Qualifies for 1983 John Deere Money Bonus of	Second Machine Purchase by April 30 1984	Qualifies for Total Pick A Team Bonus of
Mower/Conditioner	$400	Square or Round Baler	$1 400
Mower/Conditioner	$400	3940/3960 Forage Harvester	$1 600
Square or Round Baler 3940/3960 Forage Harvester	$300	Mower/Conditioner	$1 400
	$400	Mower/Conditioner	$1 600

*Availability of John Deere financing plans subject to approval of credit These offers may be reduced in value or withdrawn at any time

OUR SELECTION OF NEW MACHINES IN STOCK

FORAGE HARVESTERS

5820 SP 3940 PT
5720 SP 3960 PT

USED HAY & FORAGE TOOLS

- JD 125 Forage Wagon, hi sides, 3rd btr, JD 1065 gear
- NH #8 Forage Wagon, hi sides, roof, 3rd btr, JD 1275 gear
- NH 268 Baler w/ejector
- JD 5400 S-P Forage Harvester, cab w/air/htr.
- JD 3800 Forage Harvester, 1000 pto, long tongue
- JD 35 Forage Harvester
- JD 12-14 Hydra Swing Mower Conditioner
- JD 1209 Mower Conditioner
- Hesston PT10 Mower Conditioner
- JD 8' mower bar attach.
- JD #10 side mtd. mower, 3010 h-up.
- JD 640 hay rake
- NI Uni 766 Hay Pick Up Att.
- NI Uni 767 Forage Harvester - *Parts Salvage*

Now - Finance to Jan. 1, 1984
All New New Idea Spreaders
Interest Free - N.I.C.C.
Call For Details

NI 206 SPREADERS
NEW IDEA 95 BU.
GROUND DRIVEN
SPREADERS

206 New Idea Spreader Available With or Without Steel Wheels With or Without Endgate Att.

SAVE NOW ON THE USED TRACTOR OF YOUR CHOICE

GET A GREAT DEAL ON THE POWER SIZE YOU NEED PLUS A SPECIAL FINANCE WAIVER

Need some extra horsepower to get you through the busy season? If you buy a used tractor now, you'll save two ways Besides great deals, we're offering a special finance waiver on most of our used tractors See us for details

We have a good selection to choose from, so come in and take a look

Note: Dealer contribution may affect customer price

OUR SELECTION OF USED TRACTORS

- JD 4240 SGB, Q/R, Dual Wheels
- JD 2940 Dsl, TSS Hi-Lo Trans.
- JD 2040 Dsl, P/A Whls, low hrs.
- JD 2630 Dsl, Row crop util.
- JD 4620 Dsl, P/S, Cab.
- JD 2510 Dsl
- JD 2010 Gas, Row crop
- JD "A"
- JD "B"
- WHITE 2-135 Cab, low hrs.
- MF 1085 Dsl
- MF 65 Dsl, row crop
- MF 65 Dsl, Util. w/Farm Hand ldr.
- MF 135 Gas, P/S, 3-pt, Hi-Lo, w/ldr.
- FORD 3000 Gas
- IHC Farmall A w/sickle bar mower
- SATOH S550 Gas Tractor & Mower
- DEUTZ 6807A Dsl., Cab, MF WD, AM-FM, tape

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601
Phone -717-291-1046

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

Ford Tractors Equipment

SPERRY NEW HOLLAND

TRACTORS
Ford 8000
Ford 5000 Dsl. Turbo
Ford 5000 Dsl.
Ford 8N
Ford 445 Backhoe Loader Repossessed
Ford 545 Backhoe Loader Repossessed
Ford 535 Tractor/Loader/Backhoe
Ford 4500 Backhoe Loader
JD 4020 w/Cab
IH 1466
(2) Farmall H's
Case DC
Massey Harris 44
Satoh 650 w/loader
(2) JD B

EQUIPMENT
Ford 9 tooth Soil Saver
NH 469 Haybine
NH 479 Haybine
NH 1495 SP Haybine
IH 990 Haybine 7'
Ford 530 Baler
JD 24T Baler
NH 516 sgl. btr. spreader
Gehl #55 Grinder-Mixer
Lawn & Garden Tractors w/Mowers & Snow Blowers

CHARLES S. SNYDER INC.
RD3 Tamaqua, PA 18252
Phone: 717-386-5945

DEUTZ

USED TRACTORS & EQUIPT. IN STOCK
Used Deutz D10006, 105 h p, $11,000
Used D5506, 57 h p $6,800
Myers Sprayer, 200 gal. PTO drive $800
Deutz Fahr Baler, high capacity machine 14" x 18" Chamber, 65" pickup $2900
Used Hay Tedder, Vicon, 10'
MF 128 T baler/thrower, wide pick-up, shur-tie knotter, $3700
John Deere 480 mower conditioner, $1250
Kuhn 17' hay tedder, $1100

NEW TRACTORS & EQUIPT. IN STOCK
D5207 Deutz tractor, 52 h p
D6207 Deutz tractor, 62 h p
D6807 Deutz Tractor, 68 h p
D7807 Deutz tractor, 74 h p
DX 120 Deutz tractor, 111 h p., w/4 post safety frame.
Leon 636 heavy duty front end loader, fits Deutz tractors.
Deutz-Fahr KH500 17' Hay Tedder
Deutz-Fahr KH300 9 8' Hay Tedder
Deutz-Fahr KS85 Hay Rake
Custom-built diesel Gen-Sets made to order
New & Used Deutz diesel engines at special prices Call for details
New Deutz F2L-912 diesel engines 20 32 H P electric start

Stauffer Diesel Inc.
312 West Main Street
New Holland, PA
PHONE 717-354-4181

SPECIAL OF THE MONTH
JD 450 Hydro Push Spreader w/ Upper Beater & Hydraulic Endgate

NEW TRACTORS
JD 650
JD 750 MFWD
JD 1050 MFWD
JD 1250 MFWD
JD 2350
JD 2950 SGB, MFWD
JD 4250 SGB, PS

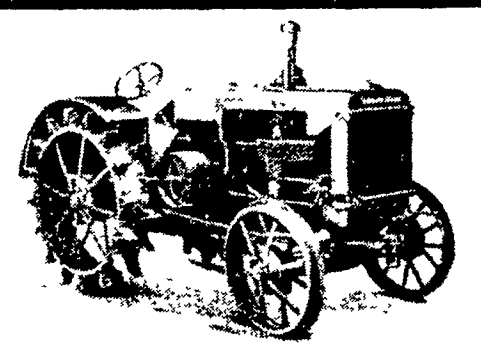
NEW MACHINERY
JD 1250 Plow 3-16"
JD 1250 Plow 4-18"
JD 2600 Plow 5-18"
JD 950 12 ft. Roller Harrow
JD 7000 Cons. Planters 4 & 6 rows
JD 1209 Mower Conditioner
JD 1326 Mower Conditioner
JD 327 Baler w/30 Ejector
JD 714A Forage Wagon
JD 6500 Blower
JD 66 Blower
JD 445 Spreader
JD 450 Hydro-push Spreader
JD 670 Rake

USED MACHINERY
IH Model B414 Diesel Tractor w/Kelly Loader
Case 1537 Skidsteer Loader
IH 13x7 disc grain drill w/grass seed attachment
MF 260 Harvester w/2RN p-up
Hesston 1090 9' Haybine
IH 2 R Planter
IH 7' Cycle Bar Mower
12" Post Hole Digger
8' Servis Rear Blade

Miller-Lake, Inc.
R.D. #2 Box 273A
Belleville, PA 17004
Ph. (717) 935-2335

JOHN DEERE

NEW! INTERNATIONAL HARVESTER TRACTOR AND MACHINERY LIBRARY



☐ **"McCORMICK-DEERING TRACTOR POWER"** Covers Classic Tractors, McCormick-Deering W-12, O-12, Farmall 12, Farmall 20, 10-20, W-30, W-40, T-40 TracTractor, and Stationary Power, Specifications, fully illustrated. 30-pages Quality Soft Cover $4 95

☐ **"MUSCLES OR MOTORS"** A Collectors item you won't want to miss! This unique reprint of an International Harvester classic details the benefits of tractor power vs Horsepower 32 pages Quality Soft Cover $4 95

☐ **"AN INTERNATIONAL ADVERTISING HISTORY OF THE 1920-1930"** Covers Tractors and Machinery of all kinds Ads are dated 28 pages Quality Soft Cover $4 25

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☐ **"FARM POWER"** A fascinating reprint of a 1915 International Book IHC pits its Titan and Mogul tractors against Horse Power Specifications Many illustrations Quality Soft Cover 96 pages $5 95

☐ **"FARM TRACTORS IN COLOR"** 80 years of tractor history, 118 true color photos (12-INTERNATIONAL HARVESTER) Mogul 1910, 2-Titan 1915, 2-Mogul 1914, Junior 1919, Farmall 1925, W12-1930, 10-20-1928, Farmall Model A-1941, Gas Turbine Prototype 1961, and 474-1972 183 pages Quality Hard Cover $11 95

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MF Massey Ferguson

FIELD QUEEN FORAGE HARVESTERS

GOOD USED EQUIPMENT

Tractors	Loaders
AC D17	Gehl HL 3510
MF 165	Gehl HL 2600
MF 285	Gehl HL 4400
MF 1080	Gehl HL 4400 Diesel
Farmall 450 diesel	Gehl HL 4600
MF 1130	Sauder to fit JD 2010
Oliver 1850 gas	Kelly 600 to fit 165 and 175
MF 2705 cab, 700 hrs.	Loader Farmal M
MF 1150 w/cab	NI to fit JD
Oliver 77 Diesel	
Farmall M	

NEW EQUIPMENT
Hesston 6550, 12' cab, air
Hesston 6450, 12' cab, air
Hesston 1014 12'
Field Queen 7650
MF 550 hydro.

COMBINE
MF 300,cab
IH 203
MF 35, SP
JD 40

MOWER CONDTIONERS
Hesston 320
Hesston 420
Hesston 1090
Hesston PT10
NH 460
NH 469
JD 1209
NI 299

Longenecker's, Inc.
At Clappertown Williamsburg, PA
814-793-3731

Announcing

Inch Equipment Co. is now open at a second location, McAlisterville, PA.

We are receiving IH parts daily to stock our shelves. New IH Equipment to be arriving shortly and our shop is open for complete IH service, staffed by experienced servicemen.

Stop in to say hello or call 717-463-2191.

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IH #800 6 row plate planter(DEMO)
Gehl 100 grinder-mixer, $6,725
Gehl 1600 baler (DEMO) $8,000

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I 84 hydro diesel	$13,450
I 544 gas, utility	$5,400
F400 gas, new tires	$1,850
460 diesel w/2001 loader & hyd. bucket	$3,500
Farmall M	$1375
412 4x14" plow	$495
550 5x14" plow	$850
MF 3x14 3 pt. mtd. plow	$395
Kasco 12' 3 pt. chisel plow	$1675
#45 vibra shank cult., 26½' w/mulcher attachment	$3,500
JD 13x7 single disc drill	$795
IH 400 4 row planter	$2,000
IH 455 4 row shoe planter, as is	$675
AC 4 row cornplanter, as is	$725
AC model 600 no-till corn planter, 4x38"	As is $1500
IH 453 cult. 4 row rear mtd.	$850
IH 205 combine, cab, 10' platform, 2 row corn hd.	$6,500
AC 303 baler w/thrower	$995
NH 67 baler w/thrower (motor on thrower)	$795
IH 47 baler w/thrower	$800
Gehl CB 600 forage harvester, 2 row corn head & hay pickup (new knives)	$3,750
Dion forage wagon 3rd beater includes rear unload (excellent)	$3,800
Fox blower (as is)	$575
1190 mower-conditioner	$4,150
Hesston PT-12 pull-type windrow	$1,025
IH 863 6x30 corn head	$6,950

Used Equipment at McAlisterville

F 656 gas, wfe, 3 pt.	$6,600
IH 430 hay baler w/thrower	$2,695
10' Dunham-Lehr packer mulcher	$1,500
Kewanee blade, 8' 3 pt.	$495
IH 56 blower	$950

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Dalmatia 717-758-3021
717-758-6491
35 miles North of Harrisburg, PA on Rt. 147.
18 mi. South of Sunbury
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Rt. 35, 9 miles east of Mifflintown,
25 miles west of Selinsgrove.

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Sales - Parts - Service

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SALE PRICED
New Long traveling irrigation unit 1820
New Long 610 DT, $12,600, 64 HP
New Long 310 DT, $8,600, 28 HP
New Long 510, 48 HP $8,500
New Long 460, 41 HP $7,900
IH 1466 w/cab
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IH 966 $8,800
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Cab for JD 2840
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3 JD 3120
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Ford 6600
Ford 5600 4 wheel drive, demo, $19,700
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2 Ford 4000
Ford 3000
Ford 641 diesel
Ford 541 offset
Ford JD SOLD w/loader
2 Ford 8N
Roadless SOLD 4 wh. dri 90 HP., $5,600
MF 1150 w/cab, $5,400
MF 165
Case V
AC B w/cultivators
Wolverine 25' gooseneck trailer
Kubota B7100 w/mower
Moore no-till drill

¼ Mile East of Exit 6 I-81
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Dismantling Combines for parts over 200 all makes and models. Call before you come.

IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 203, 303, 403, 503, 205 & 815. JD 12 A, 25, 30, 40, 45, 55, 95, 105. AC 60, 66, Gleaner A, C, CII, E or L. MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510. Oliver 33, 35, 40, 430, 525 & 545. Ford SP & pull. 701 NI Uni tractor, NI Uni - 705D (ear corn unit), combine & shellers, Case 800 & 660, 600.

COMBINES
Gleaner E, 10' grain
IH 105, cab, grain & 2 row corn
Gleaner E 10' grain and 2R cornhead
IH 303 combine w/grain head
AC C2 gleaner combine w/grain & corn head
IH 101 Combine w/10' head
IH 203 combine w/cab and 10' grain head
1976 JD 3300 cab, air 10' grain w/hume reel, 1300 hrs.
Gleaner K w/cab & grain head
Gleaner A2 w/cab & grain head
MF 300 w/quick tach, diesel, cab, grain & corn heads
NH 985 cab with quick-tach grain head

TRACTORS
Late Farmall M, good shape
Late JD A w/hydraulics
530 Case Backhoe
Oliver Super 77 w/hyd.
IH 856 Diesel, 3 pt., $6550
IH 706 Diesel, 3 pt., $3900
Farmall BN w/btm. plow & cult. $1050
AC D15 w/wide front

TILLAGE
IH 12' drag disc, choice $185
IH 4 bottom 16" steerable plow, $775

MISC.
IH 105 grinder mixer, $1100
NH 469 haybine
New bale thrower wagon
Sauder loader, $100
2-IH 5 btm. 16" steerable plows
2-JD 34 harvesters, choice $500
Shasta Camping trailer w/furnishings, very clean, $975.
JD side mount mower
New J&M gravity flow box
IH 990 haybine
NI trailer
PTO mower
2-IH PTO mowers, $100 each
JD #8 3 pt. mower
IH loader, H or M, $225
JD 3 btm. 14" trailer plow, $150
3 pt. Hesston round balemover, $450
NH 717 harvester
JD 16A flail chopper
Dump trailer will haul 12 T shelled corn, suitable for tractors 100 HP or over
IH PTO spreader, $375
JD unloading wagon
JD 1450, 6 btm., 16" plow, on land hitch, $1575
Selling parts off of Hesston 320 SP haybine

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts
JD 2010, 70D, 4010, IH 560 D, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60. AC WD, WC, D17. Oliver 70 & 77. Ford 8N, Ford 6000D. Case SC & V.A.C., DC. Massey 44D, 333, 30, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler. JD 70 G, Oliver crawler, 2 Oliver crawler loaders.
Dismantling 50 pickers for parts

KEITER'S FARM MACHINERY
R.D. #1 Halifax, PA 17032 Rt. 225 20 mi. from Hbg.
Phone: 717-362-9574

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

This Week's Special

Did You Know...

- ☑ Badger has above ground manure storage.
- ☑ Badger can move manure in and out with ease.

We would be happy to help design one for you with no obligation.

EQUIPMENT FOR SALE OR LEASE

BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Persuader Pump agitator for Lagoons
Handy High Pressure Washers
Oswalt Mix Wagons
Grain Drill with band seeder
Also:
Registered Holstein Bulls

SHOW-EASE STALL CO.
573 Willow Rd. Lancaster, Pa.
Ph: 717-299-2536

JOHN DEERE *Nothing runs like a Deere*

SPECIAL OF THE WEEK
NEW
1495 New Holland
HAYBINE
No Finance Charge Till
April 1, 1984

USED TRACTORS
JD 4430 4 Post, RG, QR
JD 4230 QR, RG
JD 3020D
JD 3010
JD 720D
Farmall A w/Hyd. Lift

USED CORNPLANTERS
JD 1240
JD 1260 w/monitor
JD 7000 6RN Cons.
JD 7000 6RN w/min. till attach.
White 5400 6RN Plateless

USED COMBINES
JD 6600 Combine w/Grain Platform & 4RN Corn Head

USED HAY & FORAGE EQUIPMENT
Hesston Self Prop. 6450 Haybine
Hesston PT10 Mower-conditioner
Fox 220 Fg. Harv. w/2 heads
NH 3RN Corn Head
NH 1002 Bale Wagon
JD 336 Baler w/thrower
NH 271 & 269 Balers w/Throwers
JD 24T Baler
Hesston 1010 Swing Tongue
NH #33 Crop Chopper
NH 27 Blower

MISCELLANEOUS
Oliver Fertilizer Spreader
15 HP 3 phase elec. Grain Dryer Motor
15 KW Standby Generator
MF Grain Drill

NEW MISCELLANEOUS
JD 335 Skid Sprayer
Most Model JD Loaders & Blades
Demco Sprayer 600 gal.

NEW TRACTORS
JD 2950 SG, MFWD
JD 4050 SG, PS
JD 300B Loader & Backhoe

NEW HAY & FORAGE EQUIPMENT
NH 718, 782, 892 Fg. Harvesters
JD 3940 & 3960 Fg. Harvesters
JD 506 Gyamor Mower
JD 347 Baler
JD 327 Baler
NH 311 & 316 Balers
NH 851 Round Baler
NH 488, 489, 495 & 1495 Haybines
NH 256 Rake
JD 670 Rake
JD 660 Rake
H&S Fg. Wagon
H&S Bale Wagon
New Hay Tedders

NEW PLANTERS
JD 7000 6 Row Consv.

NEW TILLAGE
JD 950 Roller Harrow
JD 2600 4B Plow
JD 215 Dura-Cushion Disc Harrow
Haybuster No-Till Drill Also for Rent

NEW SKID STEER LOADERS
NH 445, 555

NEW SPREADERS
NH 519
Martin 2400 V Type & F1468 Scavengers
H&S 260 & 295 Spreaders

NEW DRILLS
JD 8200 18x7
JD 8250 14x7

NH Waiver of finance or 3%, 6% and 9% finance.
Check on John Deere waiver of finance on most items.

CLUGSTON IMPLEMENT, Inc.
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat SPERRY NEW HOLLAND

NEW EQUIPMENT

TRACTORS
JD 650
JD 2640
JD 4040 w/RG & QR
JD 4440 w/SG & QR

TILLAGE EQUIPMENT
JD 235 19' 11" Disc
JD RM4 Cultivator
JD 1250 3B Plow
JD 1010 Field Cultivator
JD 1610 Chisel Plow
JD 415 Rotary Hoe
Glenco SSP 7B Soil Saver

HAY TOOLS
NH 489 Haybine
Thrower for 320
JD 327, 337 Balers
JD 660 Rake
JD 3940 Harvester
NH 847 Round Baler
NH 38 Crop Chopper
NH 311 & 316 Balers
NH 451 Mower
NH 256 & 258 Rakes
NH 782 Harvester

COMBINES & HEADS
JD 215 Flex Platform
JD 643 Corn Head
JD 6620 Combine

OTHER EQUIPMENT
JD 158 Loader
JD 606, Mower
JD 1065, 1075 Wagons
JD 78 Blade
JD 40 & 450 Spreaders
NH 679, 795 Spreader
NH 230 Wagon
Century 500 Gal. Sprayer
Hub 36' Elevator
DeLaval Manure Pump
NH 8 Crop Carrier

PLANTING EQUIP.
JD 7000 Cons. Plts. 4R & 6RN
JD 8200 18x7, 21x7 Plain Drills

USED EQUIPMENT
JD 2040 Tractor
Ford 1300 w/front blade
NH 791 Manure Spreader
NH 320 Wire Baler w/hydraformatic & quarter turn chute
AC K2 Combine
JD 643 Corn Head
JD 244 Corn Head
JD 7000 6R Planter w/Dry Fert.

SPECIAL OFFERING
Used Schwartz mixer feeder with electronic scale, good condition.

SPERRY NEW HOLLAND
WAIVER OF INTEREST ON MANY ITEMS
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JOHN DEERE
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Quonset Buildings

NEW TRACTORS IN STOCK

60 HP 2440	100 HP 4050 Q-R fenders
80 HP 2940	100 HP 4050 PS SGA
110 HP 4240 Q-R RG	55 HP 2350
110 HP 4240 Q-R SGA	45 HP 2150

LOST CREEK IMPLEMENT
Oakland Mills PA 17076
717 463 3511 463 2161
JOHN DEERE

GREEN VALUE USED EQUIPMENT

TRACTORS
JD MT tractor $1,200
JD 730 diesel, electric start
JD 2440 tractor, sharp
IH 300 utility w/loader $1,350

PLOWS
JD F350, 4 bottom 16
JD F145, 4 bottom 16
JD 145 plow, 5 bottom 16

DISCS & HARROWS
JD 12' drag harrow
JD KBA transport disc 10'
JD drag disc 8' $395
IH 10' disc, transport disc $1,000
AC drag disc $295

PLANTERS
JD 1440 no-till w/monitor, drv fertilizer & insecticide $2,495

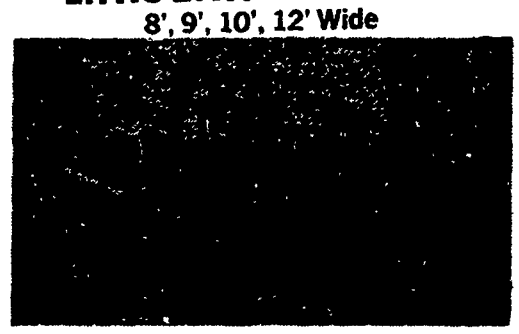
HAY & FORAGE
NH #8 forage box w/new running gear
Grove wagon $225
Grove wide track wagon $350
MF 160 spreader w/hydraulic endgate
NI forage blower $950

Demo JD 214 forage box w/JD 2 wagon & SELO tires new warranty, no trade, $,150

Demo JD 960 hay rakes w/front wheel, new list $2,450 Sale $2,300

New Wooden Hay Racks
Zimmerman Elevators
Now in stock

Little Britain Harrows
8', 9', 10', 12' Wide



AUTO TURN CARTS
- JD Spring Harrow Parts
- We Rebuild Mc and JD Ground Drive Grass Mowers
- We Have Mc #9 Mower Here Rebuilt, Ready To Go.

For Information on Delivery Write

Little Britain Welding Shop
RD #2, Box 218
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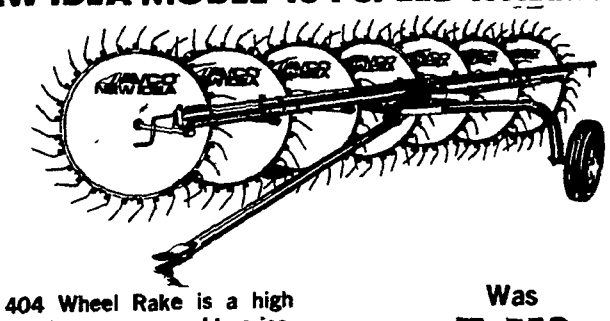
215-932-3141 before 7 AM
or after 7 PM

NH TR70 COMBINE W/ 13' GRAINHEAD & 6 R CORNHEAD
NH 479 HAYBINE GOOD SHAPE
GEHL #600 FG. HARVESTER W/ PICKUP HEAD
NH #315 BALER W/THROWER
NH #27 BLOWER GOOD SHAPE
BADGER BLOWER GOOD SHAPE
DUNHAM 8' CHISEL PLOW HI CLEARANCE

PAUL SHOVER'S INC.
35 E. Willow Street
Carlisle, Pa.
717-243-2686

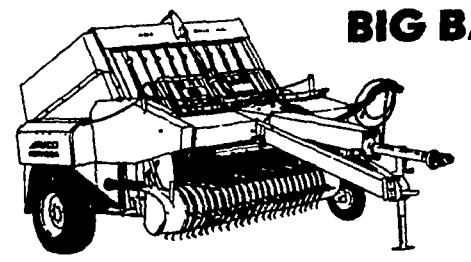
Summer Specials...

NEW IDEA MODEL 404 SPEED WHEEL RAKE



The 404 Wheel Rake is a high quality rake at a reasonable price. Rakes fast and clean in any field... smooth, uneven, contoured or hilly. Plus, it costs less to buy and less to maintain.

Was ~~$1,150~~
TRUCKLOAD SPECIAL $1050



BIG BALER SPECIAL
BUY NOW AT DISCOUNT OR RENT FOR $5 PER BALE!

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

AVCO® NEW IDEA

GEO. V. SEIPLE & SON

USED JOHN DEERE 7700 SOLD 13' GRAIN HEAD, 6 ROW 30" CORN HEAD $11,500
USED JOHN DEERE 6600 SIDE HILL DIESEL, 15' GRAIN HEAD FLEXIBLE 6 ROW 30" CORN HEAD $37,750
USED JOHN DEERE 4400 DIESEL 13' GRAIN HEAD $17,500

R.D. 2, Van Buren Road, Easton, PA 18042
Phone (215) 759-7141 or 258-7146

FARM EQUIPMENT

Farmall Cub Tractor w/Cultv., Plow & Blade
AC 7000 Dsl. Tractor
AC 5040 Tractor
AC 185 Tractor
OMC #83 Grinder Mixer
Farmall Super M Tractor
8C Hydra-Mac Skid Loader
MH #92 12' Combine
Good used 8 hp Simplicity Law Tractor w/36" mower.

ROY H. BUCH INC.
Ephrata
717-859-2441

FARM EQUIPMENT

COUNTY AG SALUTES DAIRY MONTH

Special Prices on Harvestore® unloader chains

Example - Gol 20' cutter chain, $805.50

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USED BELTING MATERIAL RUBBER MATS FOR

Comfort stalls, Free Stalls
Horse Stalls, Horse and Cattle Trailers,
Hog Houses

Paul N. Brubaker
215-286-5298

FARM EQUIPMENT

SPECIAL END OF JUNE SALE
New Tractors & Equipment

	List Price	Sale Price
584, 52 HP, 4 wheel drive w/IH 2250 loader	$26,369	$19,250
685, 62 HP	21,200	17,250
1190 Mower Conditioner, 7' w/stone shoes & stone guards	8000	6400

INTERNATIONAL® AGRICULTURAL EQUIPMENT

BIGGS INC.
34 Buckley Ave.
Rising Sun, MD 21911
301-658-5534

Hey... **Looking For A**

HEAVY DUTY 30,000 Lb. Capacity Wagon w/Hydraulic Surge Brake on 12.5x16 14 Ply Tires w/80" Tread Width And A Towing Hitch All For A Low Price of $2050.00

Tires in prices are not diamond tread.

MODEL RGE-15 SPECIFICATIONS

Rated Capacity	30,000 lbs.
Tread Width	80 inches
Wheelbase (adj. every 6")	96-144 inches
Front Spindles	2½-inch bent
Rear Spindles	2½-inch straight
Hubs	8-bolt
Axles	7 inch I-beam
Hounds (channel type)	3/16-inch formed steel
Reach Pole	94x3 3/8 inches OD
Bolsters	42-Inch
Steering	Heavy duty truck type
Brakes	Std. 2W rear
Tongue	Extendable (spring counterbalanced)
Height (to bolster top-approx.)	28 inches
Ground Clearance (approx.)	15 inches
Weight (less wheels & tires)	1160 lbs.

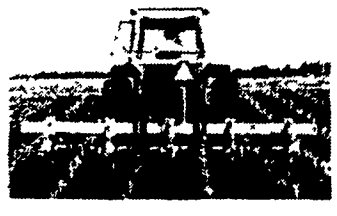
Remember You Get All This For Only... **$2,050.00**

BRAND NEW RADIAL TRACTOR — TIRE SPECIAL —

18.4x38 8 Ply Radial

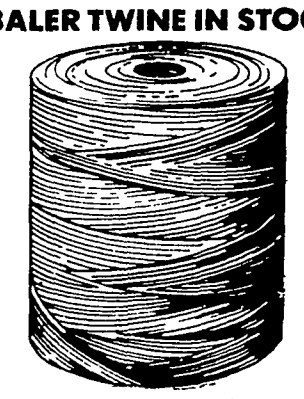
ONLY **$485.00** All taxes Included - Mounting Extra

Danish Tine High Speed Row Crop 3 Pt. Hitch Cultivators In Stock:



- Farm Hand 4 Row, Adjustable **$1,500.00**
- Farm Hand 6 Row In Stock **$1,925.00**
- Pittsburg 2 Row w/Shields and Coulter, Almost New **$389.00**

BALER TWINE IN STOCK



SISAL & PLASTIC For Round Balers

FOX SELF-PROPELLED HARVESTER MAX II
w/Detroit Diesel Engine, Hay Pickup & Corn Head
$8675.00

NEW 3 PT. FERTILIZER SPREADERS
10 Bushels
$329.00

High Capacity portable elevators for all crops. Available setup.

31, 36, 41, 46 Ft. In Stock

SPEED KING & ZIMMERMAN

NEW 3 PT. REAR UTILITY CARRIERS
$49.00

WE ARE TRADING USED FARM EQUIPMENT IN EVERY DAY! AND OUR INVENTORY IS GOING UP! GIVE US A CALL! MAKE AN OFFER!

WE ARE READY TO MAKE A DEAL!

FORAGE EQUIPMENT

- CB 1200 Gehl Harvester
- 3 Row Narrow Corn Head, Very Good Shape
- Artsway Forage Box, 3 Beater & Roof w/10 Ton Zimmerman Gear
- Cobey Forage Box, 3 Beater & Roof w/Gehl 12 Ton Tandem Gear
- AC Forage Box, 2 Beater & Roof
- Papec Forage Box, 2 Beater No Roof Grove Gear Good Tires
- Case #100 Forage Blower
- New Holland Model 268 Baler (No Thrower) Good Condition, $1387

TILLAGE EQUIPMENT

- Glencoe - 12'9" Soil Finisher Like New
- JD #110 - 13'10" Disk New Blades
- (2) Athens #131 - 12'11" Disk
- White #263 19' Manual Wing Disk (Red Paint)
- Oliver 12' Disk
- AC 19' Wing Disk Manual Fold
- Bush Hog 18' Model 1439 Disk Harrow Hydraulic Fold
- AC Model 2500 12' Transport Disk Like New - Double Offset
- MF 4 Bottom 16" 3 Pt. Plow Spring Trip
- IH #37 12' Disk Transport
- Dunham 8' Cultimulcher No Transport
- Brillion 12½' Field Cultivator w/Mid West Harrow
- IH Model 401 Spring Harrow 16'
- Rotary Hoe, 3 Pt., 4 Row, $185
- 3 Bottom Trailer Plow, $175
- 2 Bottom Trailer Plow, $150
- John Deere Model 220, Center Fold Wing Disk, 22 Ft. Wide w/ Cover Disks, $4250
- Pittsburg 2 Row Cultivator w/ Shields & Coulter (Like New) Only $389

MISC. EQUIPMENT

- Gehl 1090 Mower Conditioner
- Deutz 9' Rotary Mower Drum Type
- Dunham #22 Loader With Ford Mtg. Brackets
- 3 Pt. Blade
- Hale Irrigation Pump 1000 RPM 1500 GPM Model 60FR2
- New Holland #234 Running Gear w/31x13.50x15 Rubber and Quick Hitch
- Knowles 12 Ton Tandem Gear w/Quick Hitch
- JD 8 Ton Gear #1056
- Bale Wagon 8x18 w/8 Ton McCurdy Gear
- 350 Knight Manure Spreader, 3 Beater and Endgate
- 4 Row Rotary Hoe 3 Pt. Hitch

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MODEL 1190 General Purpose Tractor

43 PTO H.P. (32 kW) with operation features you will like!

List Price $14,025
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OR Get 8.8% Financing For 48 Months At Selling Price Of $9,510

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NEW CASE DEMONSTRATOR 1690 DIESEL TRACTOR

General Purpose Low Profile,
90 HP, 6 Cyl. Diesel Engine

(Mechanical Shift - The Energy Tractor)

One Only Serial #11213316

CASH PRICE $13,433.00

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Price does not include roll bar or weights

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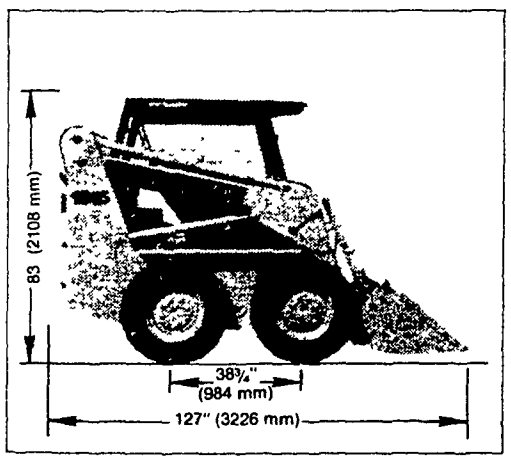

Other Bucket Widths Available; 73" or 80" at no additional charge
Equipped w/45 HP Diesel Engine, 7.50x16 Tires
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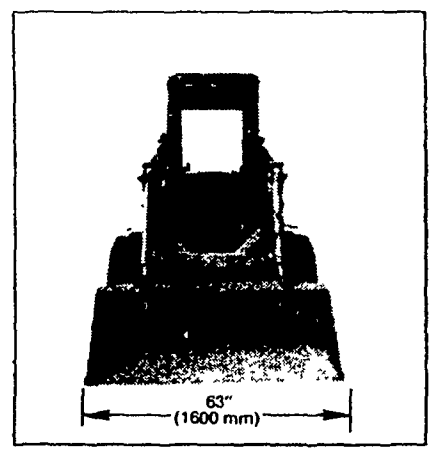

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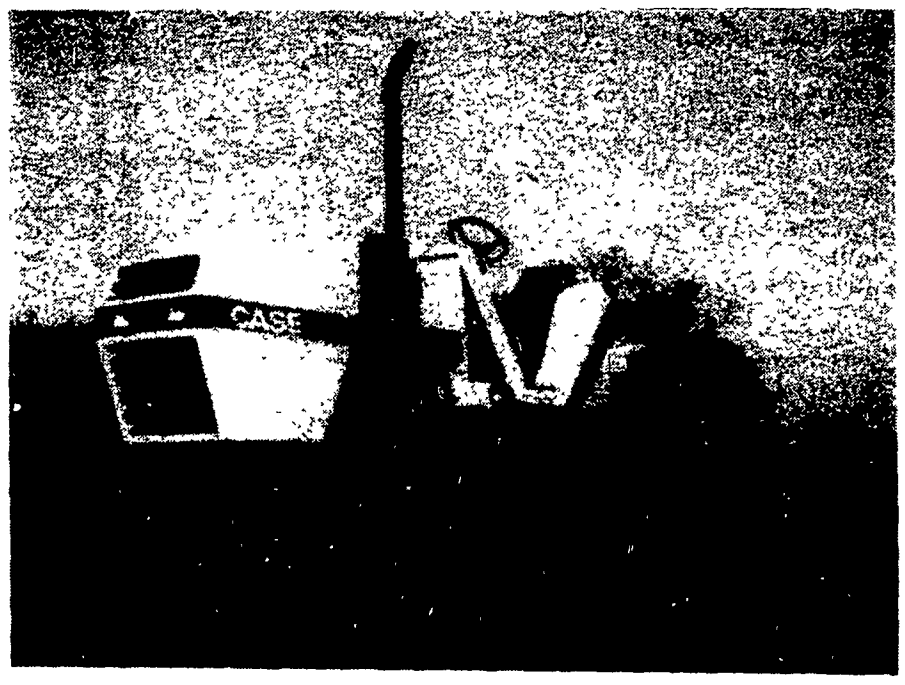
129 HP Diesel (504 cu. in. Engine),
2 Year Warranty! No Canopy, No Cab



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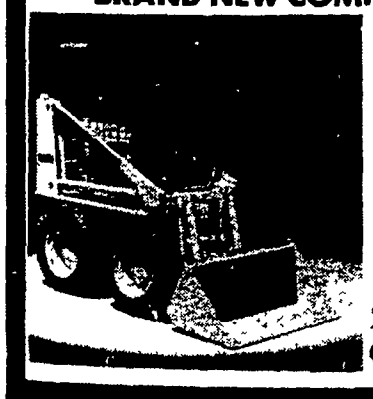

case 1816 C HYDROSTATIC UNI-LOADER

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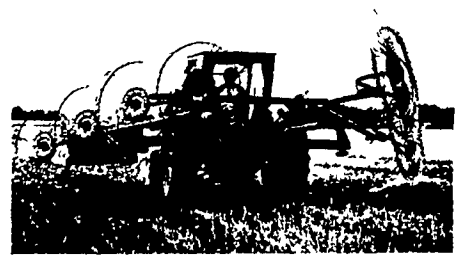
FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

TRAPEZE V-RAKE Vicon



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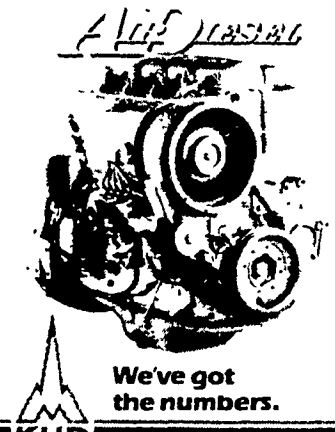

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509-9ft. Mower Conditioner
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404 Wheel Rakes
406 9½ft. Bar Rake
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841 Feeder House
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USED UNI EQUIPMENT
706 Uni Tractor w/Cab
2-702 G Uni Tractor w/Cab
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767 Forage Harvester
2-717 Combines
2-713 S Grain Head
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1-710 Combine
1-770 Ear Corn Apt.
766 Pick-up Att.
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New-New Holland 358 Grinder Mixer $8,595.00

MISC.
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Owatanna S.P. Haybine
Vicon Wheel Rake-(5-Wheel Mounted)
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3% A.P.R. on a one-year installment contract.

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FREE FINANCE

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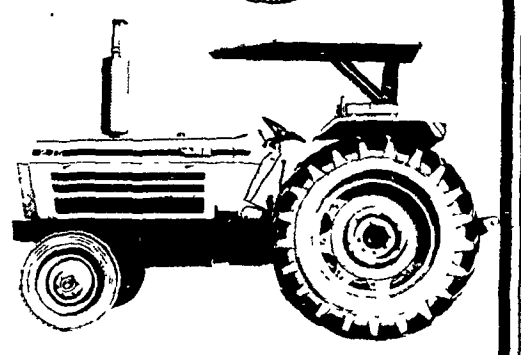
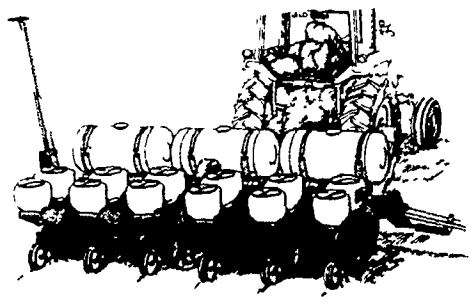


White Tractor	List Price	Waiver of Finance or 9.75% APR Financing	Cash Price
Model 2-75	$23,328	$18,695*	$17,695
Model 2-105	$36,530	$26,500**	$23,990
Model 2-135	$44,390	$34,500**	$30,990

* 9.75% APR For 36 Month Contract or Free Finance Until 3/1/84.
** 9.75% APR For 60 Month Contract or Free Finance Until 4/1/84



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White Planters	List Price	Waiver of Finance Til 10/1/83 or 9.75% APR Financing For 24 Months	Cash Price
Model 543, 4 Row, No Till	$ 7,214	$ 5,995	$ 5,595
Model 543, 6 Row, No Till	$10,900	$ 7,450	$ 6,995
Model 5100, 4 Row, No Till	$11,543	$ 8,450	$ 7,995
Model 5100, 6 Row, No Till	$17,052	$12,300	$11,750

★ Quantities Limited - Hurry! Some Models Only 1 Available!
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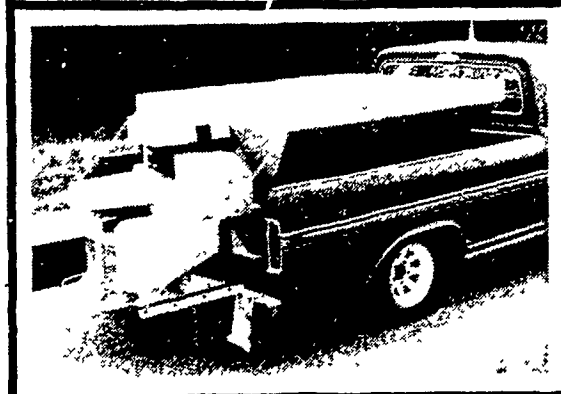

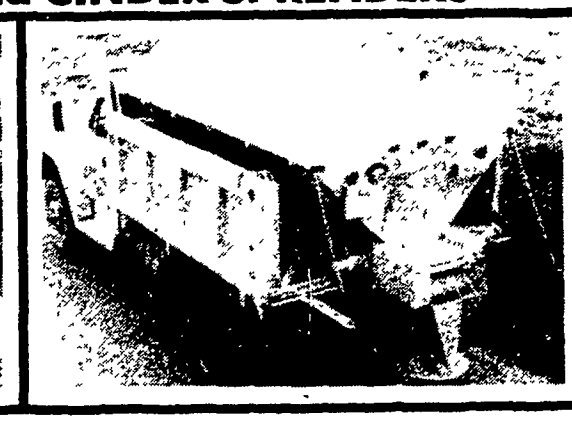

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Slip-in spreader
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Full control from cab

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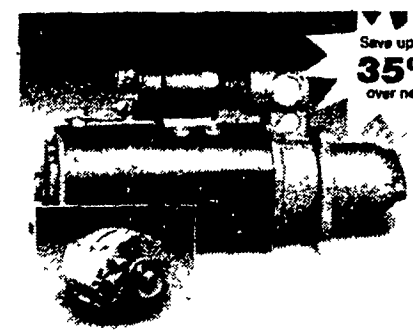
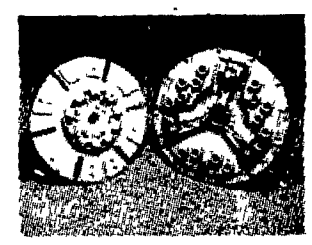


Electrical Parts

Save 32% on IH Clutches



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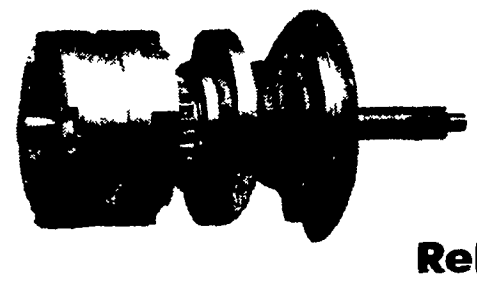

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TRACTORS

TAG#	DESCRIPTION
W7302	IH 1486D w/Duals, Cab, A/C
W7678	IH F1466D w/Cab 20.8x38
W7372	IH 1466 w/Cab 20.8x38F 3824 Hrs.
W7379	IH 1456 w/Cab 3 Sets IH Rear Wts.
W7951	IH F1086D Frt. Wts., Radio
W7864	IH F1066D, No TA, No Cab, 18.4x38
W8040	IH F966D w/Cab, 18.4x38, Rear Wts.
W7835	IH 500G Crawler Loader w/5' Bucket
W7870	Farmall H w/Pulley
W7825	Farmall H w/Pulley
W7928	LeRoi Centour AG 49 w/3 Pt
W7821	IH 4120 Skid Loader w/35" Utl Bkt (new)
W8082	Deutz 100-06 w/cab
W8307	IH F1456D, No Cab w/Duals
W8229	IH F966D, No Cab
W7797	IH 656G Hydro
W8165	IH 584D, 480 Hrs.
W8045	IH 454G
W7183	Steiger, ST251 w/20.8x34 Duals
W8440	Ford 960 w/Loader
W8431	AC WD45 w/Loader
W8379	IH 4166
W8344	IH F886 D w/ROPS
W8249	JD 3020 D w/Power Shift
W8424	JD 2020 G

TILLAGE

TAG#	DESCRIPTION
T8102	Krause 2442 Disk
T8204	Kause 2413 Disk
T7049	Krause 2413 Disk w/3 Bar Tine Harrow
T5440	Deere KB Disk
T8034	Deere 110 Disk 10'
T7662	Miller 10' Disk Hyd. Leveling
T7751	Miller 12' Disk
T7413	Oliver 252 10½' Disk
T5584	Sunflower 29 Disk
T6033	A/C 3300 24' Disk
T7688	Ford 4F 16" 3 Pt. Plow
T7562	IH 800 10F 18" Plow Trailing
T7892	IH 710 6F 18" Semi-Mtd. Auto Plow
T7945	IH 710 4F 16" Auto Plow w/Coulters
T6470	IH 540 4F Plow
T8187	Tebban 13 Shank Sub Soiler
T8101	Dunham-Lehr 36' Packer
T8273	Deere H1000, 10' Disk
T8292	IH 350 9' Disk
T8166	Deere BW 10' Disk
T8363	IH 550 5F 16" Plow
T8366	IH 510 5F 16" Plow
T8412	Krause 1112, 16' Disk
T8439	JD TO 220, 17' Disk

PLANTERS & DRILLS

TAG#	DESCRIPTION
V3288	IH 400 Planter 8R Cyclo
V6654	IH 400 Cyclo 4R Planter
V7720	AC 600 6R Planter No-Till, Gran Fert.
V7567	IH 510 21x7 Comb. Drill w/Double Disk Opener
V7862	IH 510 18x7 Comb. Drill, Trailing, Hitch
15'	Tye No Till Drill w/Grass Seeder
V8358	IH 400 Cyclo 4R Planter

MISCELLANEOUS

DESCRIPTION
Moridge Portable Grain Dryer
V8371 Allied 265 Grinder-Mixer
U8418 NI 279 Cut/ditioner
U6987 IH 430 Baler
U7321 Brady 1680 Flail Chopper
U7878 Hesston SM30 Stak Mover

COMBINES

TAG#	DESCRIPTION
U7963	IH 1480
U8421	IH 1460
U8172	IH 1460
U7935	IH 1460, w/6700 Tires
U7961	IH 915D
U7138	IH 915D
U7104	IH 815D
U7244	IH 815D
U7818	IH 715D
U6126	IH 503-C w/430 CH, 13' Header
U7737	JD 6600 w/444 CH, 14' Header
U7757	JD 6600 w/443 CH, 215 Flex Header
U8024	JD 4420
U7904	JD E4400 G
U7222	MF 510 D Hydro
U8010	MF 510 D w/1143 CH, 13' Header
U8189	MF 410 D w/422 CH, 12' Header
U5373	MF 300 w/2R CH, 13' Header
U7158	Gleaner F w/A 330 CH, 13' Header

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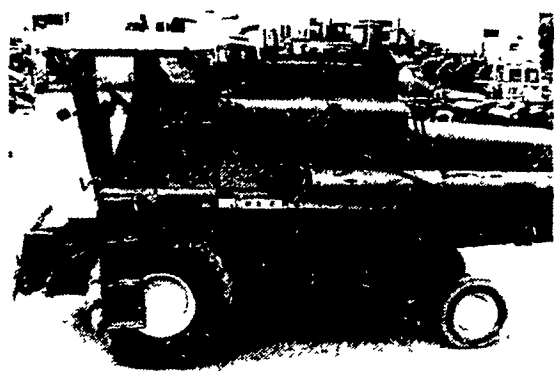
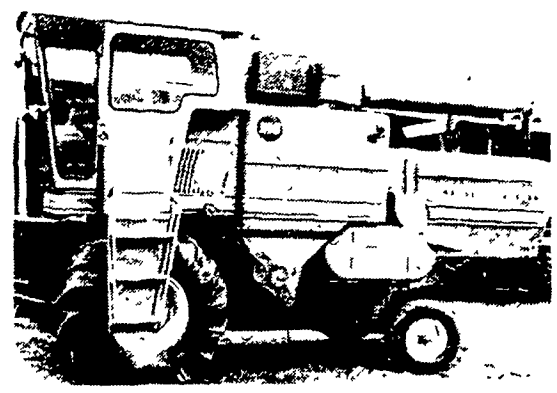
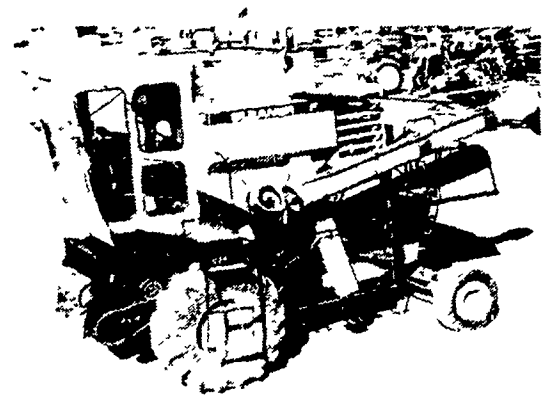


7757 - Deere 6600 D, 28Lx26, 443 Cornhead & 215 Flex Platform

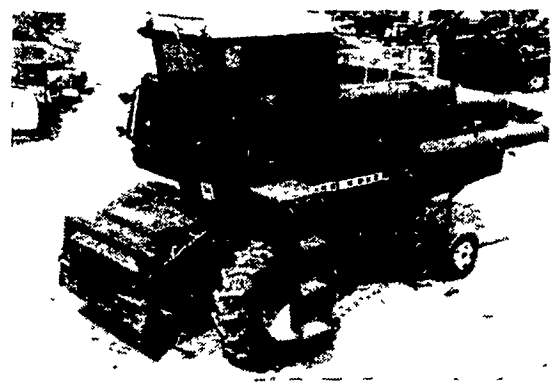


7222 - Massey 510D, Hydro, 23.1x26, 63 Cornhead, 13' Platform.

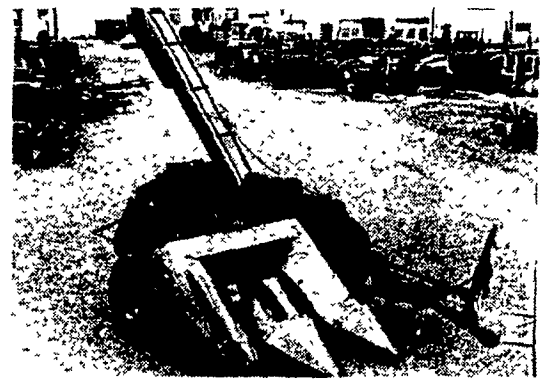


7158 - AC-Gleaner F. Gas, 330 Cornhead, 13' Platform.

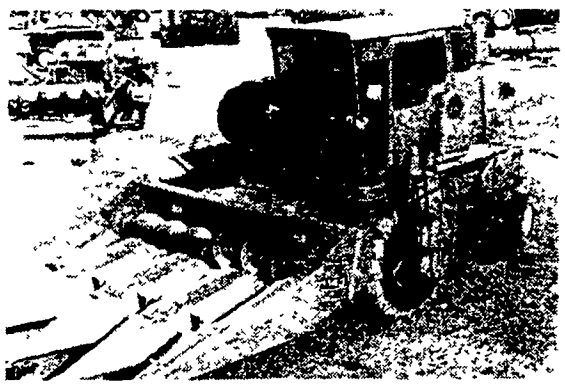
8005 - New Idea 325 Picker Sheller



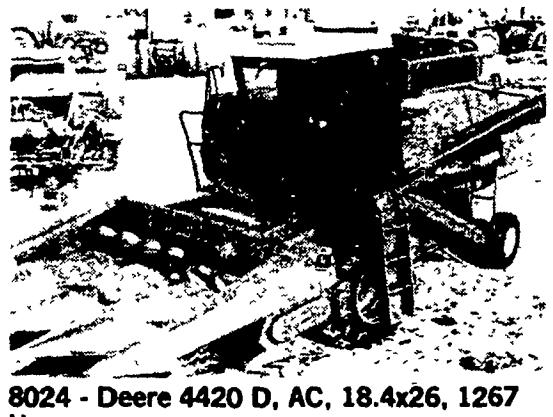
7904 - Deere 4400 Gas, 13' Grainhead



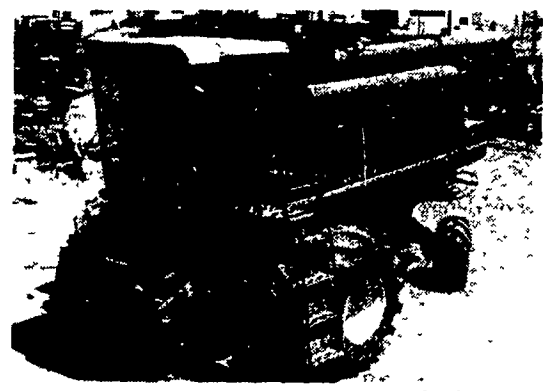
8004 - New Idea 325 Picker w/husking bed



8010 - Massey 510 D AC, 1143 Cornhead, 836 Hours

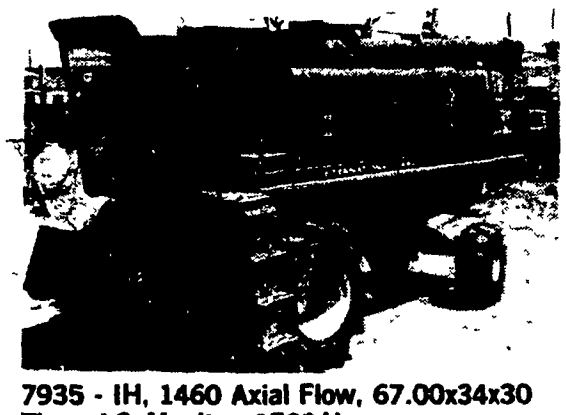


8024 - Deere 4420 D, AC, 18.4x26, 1267 Hours

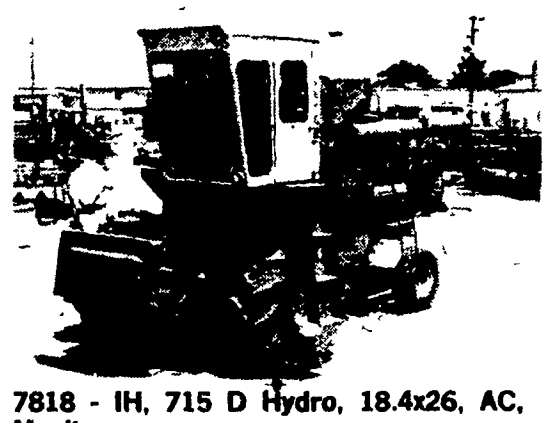


7963 - IH, 1480 Axial Flow, 30.5x32 Tires, AC, Monitor, 1486 Hrs.

7138 - IH, 915D Hydro, AC, 28Lx26



7935 - IH, 1460 Axial Flow, 67.00x34x30 Tires, AC, Monitor, 1500 Hrs.



7818 - IH, 715 D Hydro, 18.4x26, AC, Monitor

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1420 combine
435 baler - priced right
5088 w/radials
3(SOLD)ctor
784 row crop
484 tractor
80(SOLD)w plate planter
720 plow - 5x20 inch
IH 56 blowers
IH 13' chisel plows

Repossessed New Idea 324 picker with 12 roll husk bed, late model, excellent

Farmall Super (M), power steering, live hydraulics

USED — IH 1440 Combine, Immaculate

NH

315 baler
#8 crop carrier
425 skid loader
892 F. harv.
718 F. harv.
555 skid loader
#30 blower
#28 blower

USED EQUIPMENT

1300 3 pt. sickle mower
NH 450 sickle bar, 3 pt.
JD 336 baler w/kicker
IH 2400 Ind. tractor w/6 way heavy duty front mtd. blade - ideal for snow
JD 3800 forage harvester both heads, good for parts or fix it yourself
MF 4R planter - 50 acres
AC 600 planter, no fert., cheap
JD 1240 planter
IH 37 baler
JD 246 2 R planter, 3 pt.
JD 110 disc
IH 480 disc, new blades, w/cyl.
1975 CJ5 jeep, new top
1650 Cub Cadet
105 Cub Cadet, hydrostatic
IH 350 Diesel, fast hitch, power steering
1066 Farmall
JD 2510 diesel, excell.
Farmall 560 D
Farmall 350 D, w/fast hitch
JD 50 tractor w/corn picker, power steering
IH 455 planter, 4R
IH 830 forage harvester

FARM EQUIPMENT FARM EQUIPMENT

HARD WORKING VALUES

Waiver of Finance - Low Rate Financing
Low Cash Deals

NEW EQUIPMENT

5088, demo
3288, demo
784 RC w/TA
244 FWD
475 disc, 18'
1420 combine, demo
370 disc
800 Early Risers
720 auto. reset 5 btm.
2250 loader
#50 Shredder

USED EQUIPMENT

Gehl 4500 skid loader
Farmall BN w/cultivators
2 Super C's
Super AV
Haines bulk bodies
Mayrath auger 6"x27'
1500 Schwartz loader
800 workmaster loader
JD 2 row potato digger
Ontario grain drill
Vicon disc mower conditioner
843 Corn head, 30"
NH S69 baler
IH #37 baler w/thrower
IH forage blower
Rototiller, 3 pt.

RINGTOWN FARM EQUIPMENT

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Since 1949

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  - Conveyors - Auger & Single Chain
- **T.M.R. Van Dale Mixer-Feeders - 4 Auger**
  - Truck Mounts
  - Trailer Mounts
  - Stationary Units
  - 40 Cows to 400 Cows
- **Liquid Manure Spreaders**
  - 1500 Gal. to 4500 Gal.
  - Soil Injectors
- **Liquid Manure Pumps**
  - Agitator-Filler • Centrifugal • Lagoon

- **Uebler Electric Forage & Grain Carts**
- **Uebler 810 Gas Cart**
- **Uebler U-Blend™ TMR Forage Carts**

UEBLER

- **Red Top Stainless Steel Trough Cattle Waterers**
- **Sollenberger Poured Concrete Silos Top or Bottom Unloading**
- **Lancaster Stave Silos**
- **Double Chain Wood Conveyors w/Slip Clutch & ¾" Bottom**
- **Taper Board Feeders & Belt Feeders**
- **Circle Feed Supplement Bins**
- **Hedlund Vaughan Chopper Pumps**
- **Farmaster TMR Tumble Blenders**

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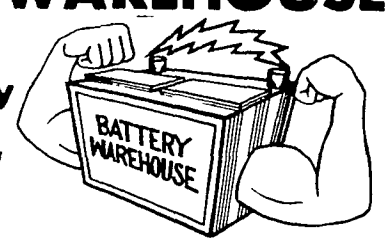
offers a complete line of factory fresh **top quality** batteries for all of your farming needs at everyday **low low** prices.



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Johnstown, PA 15904
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CLEARANCE

NEW EQUIPMENT

NI 768 3 Row Adj. Harvester Hd.	$5075.00	NI 177 41 ft. Elevator	$2450.00
NI 279 Cut/ditioner	4875.00	NI 199 61 ft. Auger Elevator	3925.00
NI 272 Cut/ditioner	4650.00	NI 323 One Row Picker	6500.00
NI 406 Rake	2100.00	NI 324/327 2 Row Picker w/12 Roll Husking Bed	10,900.00
NI 456 Large Round Baler	8550.00	NI 329 Sheller	4275.00
NI 119 Fertilizer Spreader	1010.00	NI 621 Forage Blower	1800.00
NI 213/215 Manure Spreader w/3 Beater Element	4650.00	NI 766 Uni-Forage Pickup	2100.00
NI 244 Manure Spreeader	7450.00	NI 767 Forage Harvester	8500.00

* Check Our Low Prices!

USED EQUIPMENT

NI Uni-Power Unit	$5025.00	NI 733 2 Row Wide Corn Head	$1700.00
NI 710 Uni-Combine	3700.00	NI 729 Uni-Sheller	900.00
NI 727 Uni-Husking Bed	2000.00	NI 702 Uni-Power Unit	6200.00
NI 711 Uni-Grain Platform	700.00		

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Interest Free

New Equipment Until 1-1-84
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Or Special Financing As Low As 2.9% APR Interest

R.T. MARKLE FARM EQUIPMENT

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All New Machines May Be Eligible For Retail Cash Rebate In Lieu of Finance.

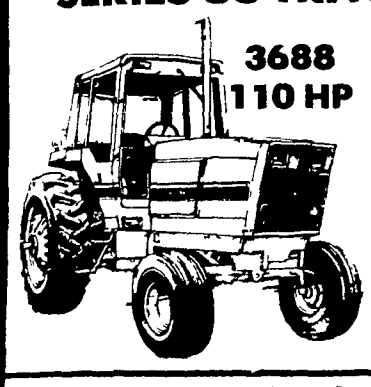
FARM EQUIPMENT

MESSICK'S

Farm Equipment Is Our Business

1953-1983 30th Anniversary

TEST DRIVE THE NEW INTERNATIONAL SERIES 88 TRACTOR



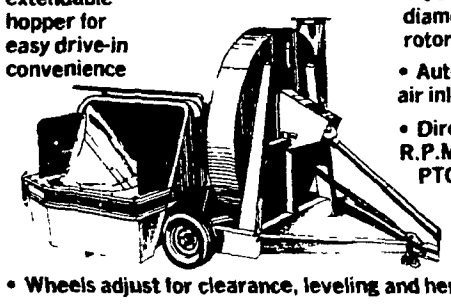
3688
110 HP

Farmers #1 Choice

IH MODEL 600 FORAGE BLOWER

Capacity to match tall silos

- 30.5 inch extendable hopper for easy drive-in convenience
- 60" diameter rotor
- Automatic air inlet
- Direct 540 R.P.M. PTO line

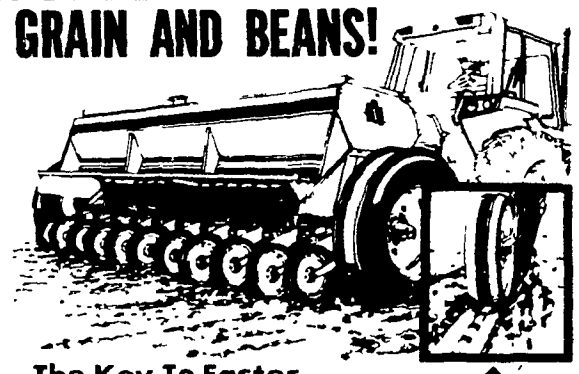


- Wheels adjust for clearance, leveling and height

GET UP TO 25% MORE GRAIN AND BEANS!

Drill With The International "5100 Special"

Outstanding accuracy begins with IH feed cups that deliver seed uniformly. Dual rib press wheels then compact the soil around the seed and gently "pat" the top to prevent air holes. Result uniform germination and emergence a start toward higher yields.

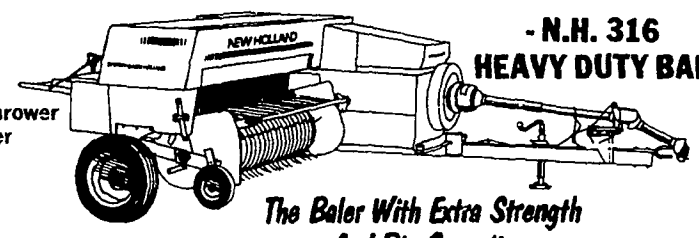


The Key To Faster Emergence Is This IH Dual Rib Press Wheel

HAY IN A BIG WAY!

NEW FOR 1983

Handles Tough Jobs with Ease

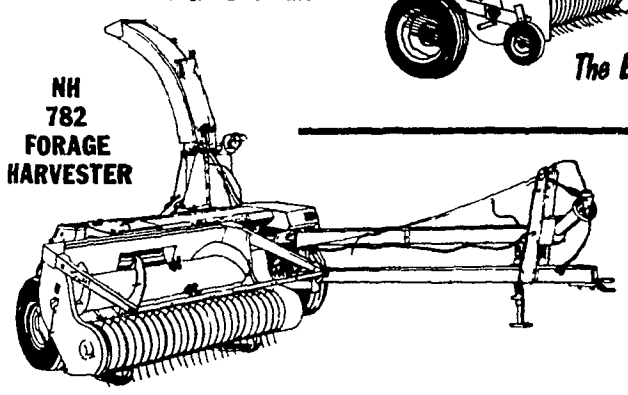


- N.H. 316 HEAVY DUTY BALER

Match a 70 or 75 Thrower w/the 316 Baler

The Baler With Extra Strength And Big Capacity

NH 782 FORAGE HARVESTER



THE HEAVY DUTY MODEL 782

- 12-Knife Cutterhead chops uniformly.
- Exclusive Underbeveled Knives.
- Flip-up Feedroll makes shearbar adjustment easy.
- Choice of 540- or 1,000- rpm driveline.

FLASH

MESSICK'S ANNOUNCES A NEW PROGRAM ON NEW AND USED EQUIPMENT

1. Waiver of Finance to April 1, 1984 with Interim Payment or ...
2. 3%, 6%, 9% APR for 12, 24, 36 Months Respectively.

GOOD USED HAY EQUIPMENT

- Used N.H. 1495 S.P. Haybine w/12 Ft. Rolareel Header, Ex. Condition
- NH 320 Baler w/Thrower
- NH 718 Harvester 2 Row Narrow Corn Head And Pickup
- NH 30 Blower, 1000 RPM
- IH 56 Blower, H.D., P.T.O.
- Hesston 110 Self Propelled Haybine
- NH 852 Round Baler, Auto. Tie, Baled only 300 Bales
- NH 495 Haybine, 12' Rolareel End w/Transport, Ex. Condition
- MF 9 ft. Mower Conditioner
- Gehl Model CB 600 Forage Harvester 2 Row Corn Head & Pickup Attachment, Ex. Condition
- NH 276 Baler w/Thrower, Nice

A GOOD SELECTION OF USED EQUIPMENT

TRACTORS
IH 1086 w/cab (excellent)
JD 40 w/Cultivators, 3 Pt Hitch

SKID STEER LOADERS
NH L425 Skid Loader

HAY & FORAGE EQUIPMENT
IH 430 Baler w/Thrower
NH 770 Pickup Attachment
NH 258 Baler & Thrower
NH 24 Elevator
NH 460 Haybine
NH 467 Haybine, 7 Ft (Rough Condition)

TILLAGE
Glencoe 13 shank Chisel
JD 350 6 bottom auto reset Plow
Brillion 10 Ft. Packer
White 4 Bottom, 16" Plow
Krause Model 1580 Single Wing Fold Disc Harrow
IH Model 55 9 Shank Chisel Plow, Demo
IH 53 4 Row Cultivator

SPREADERS
NH 362 Tank, Good Clean Spreader
IH 3 Beater 160 Spreader
NH 365 Tank Spreader
NH 518 2 Beater, Excellent
NH 367 Tank Spreader (Excellent), Hyd Lid Opener, 1 yr old

MISCELLANEOUS
JD 3 Section Rotary Hoe, Only $395

PLANTERS
IH 400, 6 Row, Monitor, Fert Attach., Insecticides, Fully Equipped
IH 56, 4 Row, Fert
Int 56, 2 Row
New Idea 2 Row Pull Type Corn Picker

STIHL®
The World's Largest Selling Chain Saw

MESSICK FARM EQUIPMENT, INC.

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NEW TRACTORS
3088
3288
784 R/C
254 4WD
234 4WD
244

NEW EQUIPMENT
540 spreader
335 wagon
18' bale wagon
IH 35 rake

USED EQUIPMENT
574 gas

USED TRACTORS
JD B

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FARM EQUIPMENT

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APPLICATIONS:
- Line Shafts
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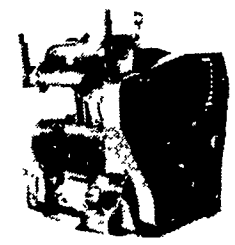
- Farm & Construction equipment



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THIS MONTH'S SPECIAL ON NEW EQUIPMENT

New Tractors on Stock
IH 3688 w/cab
IH 3288 w/rops
IH 684
IH 784
IH 484

New Hay Equipment
IH 35 gr-dr hayrake
IH 428 baler w/thrower
IH 1190 9' mower conditioner
IH 781 forage harvester
IH 881 forage harvester
IH 120 16' forage box
IH 130 16' forage box

New Tillage on Stock
IH 720 6F-18" toggle trip on land plow
IH 720 5F-18" auto. reset plow
IH 510 4F-18" plow
IH 475 12' disc
IH 480 13' 5" disc
IH 496 19' flexwing disc
IH 4500 12' field cult.
IH 5500 11' Chisel-plow

USED TRACTORS

IH 1086 D w/cab $22,500
IH 186 D w/cab hydro nice .. $22,500
IH 684 D, w/99 hrs. $13,650
IH Super C $1250
IH 484 D w/300 hrs. $10,500
Ford 9N w/(nice) loader $1750
IH 1656 D hydro $5450

USED CORN HARVESTING & COMBINE EQUIPMENT

Fox 1 Row Corn Head for a 546 . $150
JD 30 pull combine w/PTO $950

USED HAY EQUIPMENT

IH 37 Baler w/thrower $1800
NH 770 Forage Harvester w/2 RW narrow head and pick-up unit $5250
JD 15 5' flail chopper $450
JD #2 hay tedder $150
IH 2 rw wide and narrow head for 720 and 830 harvesters .. $1650
Woods MF, 5' rotary cutter $650
Lamco 16' forage box w/roof .. $1850
NI 7' trailer mower $350
Woods M5, 5' 3 pt. rotary cutter $650

USED TILLAGE

IH 401 16' Harrow $600
IH 560 6F 16" plow w/cyl. $1500
Brillion 15' cultipacker (end transport) $1250
JD 21' transport harrow $1250
IH 550 5F 16" plow $1250
IH 710 5F 16" plow w/cyl. $2250

SPREADERS AND MISC.

NI Model 211 Spreader (Nice) . $1350
IH 540 w/hyd. endgate, ... $2150
JD 300 elevator, 30' $500
Starline tub spreader $750
JD R gr. dr. spreader $500
JD 29B 100 gal. sprayer $750

USED PLANTERS AND DRILLS

IH 56 4 row $1250
IH 400 4 row 38" $1500
JD Van Brunt drill $500
IH 249 2R planter $500
Oliver 2R planter $150
IH 400 6 R 30" Planter, w/insect $3500
JD 1240 4 R wide planter $1750

Waiver of finance until 5-1-84

MIFFLINBURG FARM SUPPLY, INC.

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Evenings - 717-524-2924 - Frank Saner

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

ATTENTION FARMERS:

Tross Terrains, Inc. has decided to cease farming. We are offering the following equipment and supplies for sale. Please Note! Our equipment has been kept in a like new condition. You can save many dollars by purchasing this equipment at a fraction of new cost.

Located on Rt. 890, six miles south of Sunbury.

Phone 717-286-6411 or 717-286-0215

- 1978 John Deere Model 6600 Combine, Side Hill, 1550 hrs. w/643 - 6 row corn head & 215 - grain platform
- 4,000 lb. tilt bed equipment and cattle trailer
- John Deere Model 7000 conservation liquid 6 row corn planter

TROSS TERRAINS, INC.

P.O. Box 511 R.D. 3
Sunbury, PA 17801

IH SUPER SAVING TIME

JUMBO FILTER SALE!

Penny Wise and Pound Foolish.

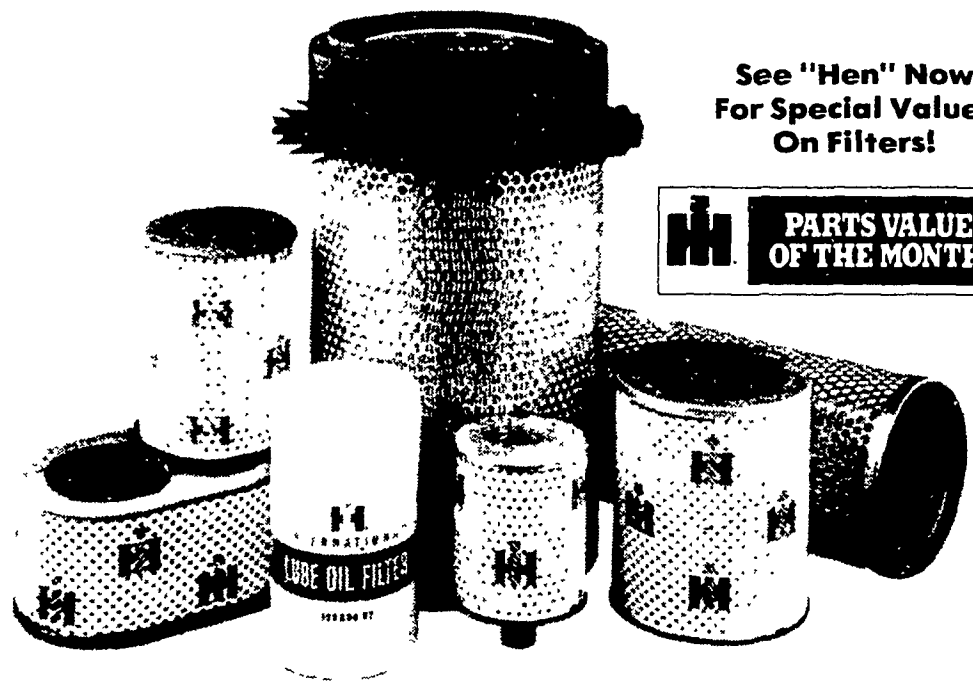
That's an old, old adage, but it sure makes a lot of sense in today's modern world.

Especially when you apply it to replacement filters on agricultural equipment

If you've got thousands of dollars invested in your equipment, it sure doesn't make good sense to try to stretch a few extra hours out of your old filters or to try to save a few cents by buying a "will fit"

This applies to hydraulic filters, air filters, fuel filters, and lube filters. In every case you'll get full protection only if they're changed at the interval recommended in your operator's manual and only if you select the proper filter recommended for your particular application.

Only IH engineers — the very men who designed your equipment in the first place — have all the information that's needed to decide exactly what type of filter is needed for each model. The only way you can be sure of full protection is with a replacement IH element that's exactly like or equivalent to the original.



See "Hen" Now For Special Values On Filters!

PARTS VALUE OF THE MONTH

PARTSMART

ERB & HENRY EQUIP., INC.

New Berlinville, PA 19545
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- Kendall Motor Oils (Special Drum Prices)
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- Galvanized Pipe and Fittings ½" - ¾" - 1"
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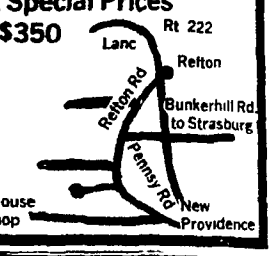
- New 2 hp. to 10 hp. Briggs Stratton at Special Prices

10 HP Briggs & Stratton Engine $350

KENDALL MOTOR OIL

BEILER ENGINE SERVICE
245D PENNSY RD.,
NEW PROVIDENCE, PA
Check Our Prices



USED TRACTORS

JD 2010 D w/loader
JD 4430 Diesel
JD 2940, MFD
JD "LA" Tractor w/cult.
JD 50 w/Loader
JD 3020 Diesel
Ford 800
MF Pony Tractor with Equipment

USED EQUIPMENT

JD 4400 Diesel Combine w/Heads
JD 4420 Combine with Heads
JD 6620 Sidehill Combine with Heads
JD 7000 Planter, 38" Row
JD 4000, 13' Disk
JD 24T Baler
AC Grain Drill
New Holland 16' Forage Wagon
JD 336 Baler w/30 Ejector
1982 King Gooseneck Stock Trailer, 16x6

SHOTZBERGER'S EQUIPMENT

JOHN DEERE

Elm, Pa.
Phone: 717-665-2141

JOHN DEERE

case | GEHL | HESSTON | SAME

★ USED EQUIPMENT SPECIALS ★

USED TRACTORS

Case 885 w/loader
Case 930
Case 1070
Case 1030
JD 3010
MF 1085

USED SKID STEER

Gehl 2600
Gehl 3000
Gehl 4500 (1979)
Case 1740
Case 1830
Case 1845
Case 1845 (1979) Exc. Cond.

USED WINDROWERS

Hesston 420
Case 1275 Self Propelled
(2) Case 555's
PT10
Owatonna 230 Windrower
IH 225 Self Propelled

USED BLOWERS

IH 56
Fox Blower
NH 27
(2) Gehl 99
Oliver (Kools)

WAGONS

(2) Grove Wagons w/Hyd. Drive, 16'
Grove Wagon, 2 Beater, 14'

USED HARVESTERS

Gehl 3 Row Narrow Cornhead
(2) Gehl CB600's
Gehl CB700
Gehl CT300
Hesston 2000
Fox Super 1000
JD 3800

USED PLOWS

Ford 5-Bot. Semi Mtd. Plow
Case 308 3-Bot. Semi-Mtd. Plow (New)

USED BALERS

Hesston 5600 Round Baler
Gehl 1400 Round Baler
Gehl Bale Mover
Case 230 Conventional Baler w/kicker

UTILITY CRAWLERS

Case 750 Loader
JD 350 Track Loader

MISCELLANEOUS

Case 580 Backhoe
Sauder Loader For 8N
Cagle 500 Sprayer w/Monitor And Foam Marker
187 Hawk Bilt Spreader
5' Sidewinder Mower (New)

STOUFFER BROS. INC.

1066 Lincoln Way West, Chambersburg, Pa.
Phone 717-263-8424

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

AVCO NEW IDEA

C.J. WONSIDLER BROS.

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LOOKING FOR A GOOD USED JOHN DEERE, IH, MASSEY FERGUSON, OLIVER, or FORD TRACTOR??
WE GOT THEM ALL!

All types, All sizes, All prices!
Give us a call today!

COMBINES

Gleaner N5 w/15' floating grain & 630 corn heads
Gleaner MKS w/13' grain & 630 corn heads
Gleaner CII w/13' grain & 438 corn heads
Gleaner AII w/cab & both heads
Gleaner AII w/12' grain Head
Gleaner E w/cab & both heads
NH 975 w/11' grain & 238 corn heads
MF 300 w/11' grain & 238 corn heads
IH 315 w/cab, grain & corn heads
JD 8820 w/950 hrs., cab, air & heat, 15' floating grain, 830 corn heads, like NEW!
JD 55 Super w/cab , 12' grain & 330 corn heads
JD 55 w/12' grain & 338 corn heads
JD 45 w/both heads
JD 45 w/grain head
NI Uni-System 702 w/717 combine, 4-row corn head
NI 767 Chopper w/702 2-row Corn head & 761 Pick up Head

CORN PLANTERS

AC 600 No-Til Air Champ Planter, 4-row w/liquid fertilizer
AC 600 No-Til Planter, 4-row
AC 500 4-row Planter
(2) JD 494A Planter, 4-row
IH 56 Planter, 4-row
(2) AC 2-row, 3 pt. Planter

TRACTORS

AC 7050 PS, w/cab
AC 7040 PS, w/cab
AC 7020 PS, w/cab
AC 190XT D w/cab
AC 185 D
AC WD45
AC WD
AC HD3 Crawler w/dozer blade
Ford 3600 G w/1400 hrs.
Ford 901
Case 630 w/loader
Case 300
MM G1000 D
MF 1105 D w/cab
MF 50 D
MF 30 w/loader
White 2-50 D
Oliver 550
IH 986 w/cab, air, only 1400 hrs., EXCELL!
IH 560 D
IH 460 D
Farmall 400
JD 4020 D
JD 4010 D w/PS
JD 4010 D
JD 3020 G w/PS
JD 2010 D
JD 60
JD MT

BALERS

NH 68 w/53A Thrower
NH 271 w/Thrower
MF 10 w/Thrower IH 56 w/Thrower
(2) IH 440 w/Thrower

TILLAGE

JD 7B Plow on land
AC 5B Semi-mt. Plow
AC 80 Snap Coupler 3B-16", 3 pt.
Oliver 6B Spring Trip Plow
Oliver 5B Spring Trip Plow
Oliver 3B - 3 pt. hitch Plow
MF 13' Transport Disc
JD 9' Transport Disc
JD 11' Transport Disc
JD 15' Mulcher
JD 8' Disc

MANURE SPREADERS & MISC.

NH 676, 285 BU. NH 516 NH 475
NH 175 BU.
NI 218, 325 BU.
NI 214, 206 BU.
(2) NI 213, 175 BU.
Badger 205, 200 BU.
Weaverline 224 Electric Feed Cart, 30 BU.
Weaverline 223 Electric Feed Cart, 24 BU.

HAYBINES

(2) NH 469
(2) NH 479
Hesston 110 Self Propelled
NH 461
AC 904

USED TRACTORS

JD 4630, cab, air, power shift, exc. cond.
JD 4430, cab, air, quad range trans.
JD 4320, no cab
JD 4520, new tires
JD 4020
JD 4020, power shift
JD 2020 diesel
JD 3020 gas
JD 4010 gas
JD 4010 diesel w/year-round cab
JD 720 diesel electric start
JD 3020 diesel, power shift
IH 966, cab and air
IH 766, like new
IH 1466 w/cab
IH 1256 w/cab
IH 706 w/German diesel
IH 806 diesel
IH 656 wide front
IH 574 w/loader
IH 2400 w/loader
Ford 5000 diesel, late model
AC 5040 diesel, PS, 3 pt. hitch
AC 210 diesel
White 4-180 w/duals, quick coupler, used 2000 hours.

USED COMBINES

JD 7700 diesel w/6 row corn head
JD 55 corn special
Oliver 525 w/2 heads, exc. cond.
NI 702 tractor w/710 combine

USED PLANTERS

JD 7000 conservation, 6 row, dry fertilizer, monitor, used on 500 acres
JD 494A
White 5400 air planter w/no-till attachment
IH 510 grain drill, real nice

USED HARVESTERS

JD 5200 w/cab and air, used 1500 hours
Fox 3000 w/3 row corn head
Fox 2000
Fox Custom 90
NH 770 w/2 heads

MISCELLANEOUS

1970 IH 1800 truck w/14' grain body & hoist, exc. cond.
Gehl 65 feed grinder
JD power till grain drill
IH 510 grain drill
IH Bigroll baler
JD 346 wire baler w/thrower
NH 278 baler
Keewanne 20' hydraulic fold disc
Keewanne 20' hydraulic fold mulcher
JD 21' hydraulic fold disc
Large selection of smaller discs
Large selection of plows from 3 to 7 bottom
Gehl 2600 skid steer loader, used 800 hours
Gehl 9' haybine, like new
NH 469 haybine
New Farmhand loaders for IH and JD tractors

D & R EQUIPMENT INC.

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Call John Bolton or Gunther

QUALITY LATE MODEL FARM EQUIPMENT

TRACTORS

JD 4020 Dsl., WF, side console, power shift SOLD
JD 4020 Dsl., WF, side Console, syncho range
JD 2840 540 hrs., Very Nice
JD 2640 Dsl. Fully Equipped
JD 20[illegible] Gas w/direction reverser and 48 loader, very clean SOLD
JD 1520 Gas Hi-Lo and Ind. PTO SOLD
JD 730 Gas
IH 1086D Cab and Air, 1500 hrs., 20x38 Tires, Very Nice
IH 1566 Dsl. Cab & Air, 20x38 Tires, very nice
IH 1466 Dsl. w/Cab and Air
IH 1066 Dsl., Cab, Air, Black Stripe, Very Nice
IH 1066 Dsl. Red Cab and Air
IH 826 Dsl. w/cab
MF Super 90 WFE

HARVEST SPECIAL
IH 203 Combine
11' Platform, Ex. Cond.

CORN HEADS

MF 24, 33, 43, 44
AC KF330, A330, F335
JD 243, 244, 343, 443, 444, 643
IHC 843, 227

HARVESTERS

JD 3960 w/2RN Head & Hydr. Controls SOLD
JD 3800 w/2RN Head
Gehl 1000 w/2RN Head & Pickup
NH 770 w/2R Head & Wide Pickup

BALE WIRE
(6500)
$36.50 per carton
$35.00 18 cartons or more

BALER TWINE
9,000 Ft.
$21.00 per bale

BALERS

JD 336 Wire w/thrower

DISCS

JD BWF 16' wing Rock- Flex
JD BWA 11'6"

CORN PICKERS

JD 300 Husker, 2 or 3 row head, wide or narrow
NI 325 2 row narrow w/super sheller
NI 323 1 row
NI 324 2 RW w/super sheller, very nice
NI sheller attch. for 2R Mtd., Like New
NH 319 2R Mtd. w/husking bed

GRINDER-MIXERS

JD 700
NH 357

PLOWS -AUTOMATIC

IH 720 5x18 sp. reset
IH 720 4x18 sp. reset
IH 710 6x16 Spr. Reset
IH 710 5x16 Spr. Reset
IH 710 4x16 Spr. Reset
JD 2500 5x18 on Land Hitch
JD 2500 5x18 Sp. Reset

COMBINES

1980 NH TR70 cab and air, hydro 3208 cat dsl. 700 hrs., like new w/15' Flex Grain Platform
1980 JD 6620 Cab, Air, Reverse Feeder House, 500 hrs. excellent SOLD
1979 Gleaner KII w/Cab, 900 hrs., like new
1979 JD 4400 Diesel, cab and air, 700 hrs., like new
1976 JD 6600 Dsl. w/cab, air, low hrs. Choice of heads
1973 JD 4400 Gas, Cab and Air, Choice of heads
1978 IH 715 w/German Diesel, cab, very nice
JD 3300 Gas w/cab, choice of heads, very nice
MF 510 Dsl. w/cab, Very Good, Choice of Heads
1978 MF 510D cab & air, very nice, choice of heads
MF 410 Gas, Cab and Air, 11' grain table
JD 45 w/cab 10' platform and pickup reel
IH 80 & 82 Pull Type Combines

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

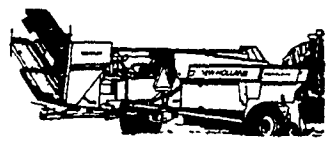
MISCELLANEOUS EQUIPMENT

JD 1209 Mower Cond., very nice, late model
Ford 6' Flail Mower
IH 4R Cultivator, Rear Mtd.
(2)(1) JD RM 6 Row Cultivators
Brillion 10' Transport Alfalfa Seeder w/Double Seed Box
Glenco 7 tooth soil saver
JD 213 Flex Platform
JD RG 4R cultivator w/double spring teeth
Bush Hog 8' Heavy Duty 3 pt. Blade
JD Roll Guard Cab to fit 3010 thru 4320
4 Row Stalk Shredder

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

BROOKS
FORD TRACTOR, INC.
SPECIALS

Ford 7710 w/cab 700 hours $19,900
Ford 10 shank chisel plow $2,450



NEW HOLLAND SPECIALS

451 mower	$1750	303 liquid injector	1800
38 crop chopper	4200	782 harvester w/heads	13000
258 rake	2300	489 mower conditioner	7500
315 baler w/thrower	8500	488 mower conditioner	6500

GOOD USED EQUIPMENT

Blower	NI	Box Spreader	IH
Blower	Gehl	Box Spreader	JD
Forage Harvester	NH 707	Baler	NH 69
Tank Spreader	Hawk Bilt	30' Elevator	NI 155
Tank Spreader	JD		

West College Avenue
Pleasant Gap, PA 16823
PH: 814-359-2751

★ ★ SPECIALS ★ ★

TRACTORS
PLOWS
RAKES
FORAGE HARVESTERS
WAGONS
BALERS
DISC MOWERS

S.G. LEWIS AND SON, INC.
RD #2, Box 66, West Grove, Pa.
215-869-2214
All Hay Equipment Free Finance until 6/1/83

OTHER SPECIALS

FORAGE

SNH #718 Forage Harvester w/#822 corn head $8,000
SNH #25 Blower $1,600
SNH #8 Crop Carrier w/roof & 238 wagon $7,100

HAY

SNH #451 Mower w/7' Cutter Bar $1,860

SPREADERS

SNH #301 Liquid Spreader, 540 Drive w/soil ejector & coulters $8,500

Don't be fooled by lower prices on "will-fit" parts. The management of other brand dealerships recognize the value put into genuine Sperry New Holland parts and service. This is what made Sperry New Holland the leader and No. 1 in hay and forage equipment. When a problem arises or you need parts or service, call your authorized Sperry New Holland dealer.

215-869-2214 or 215-869-9440

NEW & USED EQUIPMENT SPECIALS

NEW AGRA POWER (Fiat 4000) 48 H.P. TRACTOR
With All The Specs. of A Larger Tractor At The Price of A Compact Lawn & Garden Tractor... $6,500!

NEW JD 4 & 6 ROW CORN PLANTERS W/LIQ. OR GRANULAR FERTILIZER AT OLD PRICES!

HANDYMEN! Set Up These Planters Yourself And Save With Our Knock-Down Prices!

SPECIALS FOR THE MONTH OF JUNE ONLY

NEW TRACTORS-40 SERIES WITH REBATES TO $2400 & WAIVERS!

- JD 2440, Hi-Lo, wts, w/16.9x30-$18,652 Plus up to $700 Co. Rebate
- JD 2640, Hi-Lo, wts, w/18.4x30-$20,202 Plus up to $1250 Co. Rebate
- JD 4240, Fenders, Quad, wts, 18.4x38-$26,879 Plus up to $2100 Co. Rebate

Used Waiver of Finance to March 1, 1984

SERIES "50" TRACTORS
JD 4050, Cab, PS
JD 2150
JD 2150, 4 Wh. Dr.
JD 2350
JD 2950, 4 Wh. Dr. Series 50 Rebates - $1150 to $1900!

NEW COMBINES AT IN-SEASON SAVINGS!
JD 6620 SIDEHILL $62,514

Cornhead and Platform Available

NEW EQUIPMENT
NH 38 Crop Chopper - $4,500
Brillion Field Cultivator w/Wing
McConnell Field Harrow w/Wheels & Wings

USED TRACTORS:
JD A Wide Front Fenders
MF 165
JD 950 w/PS, 341 Hrs. $6,995
JD 4430 w/Cab, Air, PS, Wts., etc.
JD 4520 w/Cab
JD 2020 Gas w/wts.

USED BALERS
(2) NH 283 Twine, (16x18 Bales) less Throw-Good cond. $3,500 ea.
NH 275 w/Thrower
NH 271 w/Thrower

USED EQUIPMENT:
Case 650 8' S.P. Windrower
JD No. 21 Hay Cond. - $275
JD 215 15' Rigid Grain Table, Used 1 Season - $6,500
JD 205 2-Row Corn Head - $650
2 Woods #80 3 Pt. Rotary Cutters

HAYBINES:
New NH 489 Haybine At Old Price

GRINDER MIXER:
NH 353 Mixer-Low Price!

JD 415 3 Pt. 15' Rotary Hoe $2725
Full Line of NH MANURE SPREADERS IN STOCK!

NEW TYE DRILL FOR SALE OR RENT
NEW BRILLION 3 PT. 5'4" LANDSCAPE SEEDER $1,200

BOSS'S JUNE SPECIAL — $20,000!
New JD 300B Industrial Wheel Tractor w/Loader!
•Available w/JD 9250A Backhoe

★ Less Large Co. Bonuses On New JD Equipment!

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USED TRACTORS
Waiver of finance on used tractors till 9/1/83 with approved credit.

IH B
IH 826 w/ROPS
IH 340
IH 656 Dsl. w/2000 Loader
IH 504 w/Loader, nice
IH 2500 Industrial Tractor w/Loader
IH 2500 Tractor/Backhoe Loader
IH 706 Tractor
IH 656 Gas Farmall Tractor
IH 200 Farmall
IH 756 Diesel Tractor
IH 2250 Loader
IH Cub Cadets
IH 460 Gas
IH 706 Dsl. tractor w/310 Motor
#10 Hydra-Mac Skid Loader
Hydro 100 Diesel Tractor w/2350 Loader
Hough Loader 4WD w/Cummins Dsl.
IH 1066 Tractor w/cab, 2050 hrs
JD 4010
JD 60
JD 70 Skid Loader

USED CORN PLANTERS

IH 400 6R 30" no-til
IH 400 4R 30" no-til
IH 400 4R 40" no-til
IH 56 6R 30"
IH 56 4R
IH 455 4R
IH 449 4R
White 5400 4R 30" liquid fert. no-til
JD 1240 4R
Ford 311 4R

Waiver of Finance on used cornplanters till May 1, 1984 w/approved credit.

WAGONS

Coby 14' wagon w/rear unload
VanDale 185 Mixer Wagon w/Scales
Coby 4000 Fg. Wagon
Grove Fg. Wagon w/7 Ton Gear
Grove 14' Fg. Wagon
Badger Fg. Wagon w/Tandem Axle, Roof
NI 603 Fg. Wagon
Badger 16' Fg. Wagon

HARVESTERS

Fox 263 Late Style Head
Fox 546 Fg. Harvester
Fox 3300 w/2R Narrow Corn Head
Fox 249 Snapper Head
Fox 215 2RN Corn Head
Fox 1000 Fg. Harvester
NH #818 Fg. Harvester
IH 650 Fg. Harv. 2R
IH 555 Fg. Harvester
Brady 608 Flail Chopper
NH #36 Flail Chopper
Fox 3000 Fg. Harvester

SPREADERS

NI 224 Manure Spreader
NI 218 Manure Spreader
NI 214 Manure Spreader
NI 213 Manure Spreader
NI 212 Manure Spreader
Hawk Bilt 205
Badger 3000 gal. gal. Liq. Tank Spreader
Clay 1500 gal. Vac. Tank
NI 214 Flail Manure Spreader
Hawk Bilt 357 Spreader
Hawk Bilt 207 Spreader

COMBINES

IH 915 Combine w/6R Corn Head
IH 715 Combine w/4R Corn Head
IH 615 Combine w/10' Platform
IH 205 Combine w/13' Platform
IH 843 4 Row N Corn Head
IH 76 Combine
IH 303 Combine w/13' Platform

HAY EQUIPMENT

IH 2400 Big Roll Baler
IH 440 Baler w/Thrower
NI 279 9' Cut/ditioner
IH 990 9' Windrower
IH 225 SP Windrower
Hesston 320 AP 9' Windrower
JD 5' Rotary Mower - Excellent
NH 27 Blower
IH 56 Blower
Oliver Rake
JD 640 Rake like new

TILLAGE EQUIPMENT

IH 710 4x16 Plow Reset
IH 720 5B 20" Plow
IH 700 5x16 reset Plow
IH 311 Plow
Oliver 3x14 3 pt. Plow
Case 4x16 Reset Plow
JD 5x16 Reset Plow
Case 8' Disc Offset
IH 9A 9' Disc
IH 19B Disc
Kewanee 13'6" Wheel Disc
Athens 12'11" Disc, Like New
JD KBA 12' Disc
IH 53 4 Row Cultivator
Niemeyer Power Harrow

COMING IN...

IH #5 Flail Chopper
(2) 18' Bale Wagons
Papec Harvester w/2R Head & Pickup

NEW IDEA UNI EQUIPMENT

705 Power Unit
840 Feeder House
818 Combine
767 Forage Harvester
713 Platform
744N 4 Row Corn Head
844W 4 Row Corn Head
770 Ear corn Adaptor
768 3 Row Wide Narrow Corn Head
767 Forage Harvester
710 Combine
729 A Shelter
NI 744N Corn Head
770 Feeder House

GRAIN DRILLS

Haybuster 1206 no-til drill, excellent
IH #10 Grain Drill, nice
JD 13x7 Grain Drill
JD 17x7 Grain Drill

MISCELLANEOUS

3 pt. Stack Mover
Jamesway 60' Belt Feeder
KW Loader for IH 284
Boyhill 300 gal. Sprayer
Hesston #10 Stacker
JD 150 gal. 3 pt. Sprayer
Better Bilt 12' Manure Pump
Badger 26' Conveyor
Century 3 pt. hitch sprayer
1976 Chevy C60 tractor w/18' bed

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

MF

GEHL
Gets into your system

MF OFFERS 9.9% INTEREST RATE FOR 4 YEARS OR WAIVER OF INTEREST TILL DEC. 1, 1983 ON UNDER 100 HP, NEW MF TRACTORS

NEW MF TRACTORS

	Sale Price
• MF 1010 w/mower, 16 HP diesel	In Stock
• MF 205 w/mower, 20 HP diesel	In Stock
• MF 245 diesel, 8 speed trans., 42 HP	In Stock
• MF 265 diesel, 8 speed trans., 60 HP	In Stock
• MF 270 diesel, 8 speed trans., 55 HP	In Stock
• MF 270 diesel, 12 speed multi-power trans., 55 HP	In Stock
• MF 670 diesel, 12 speed sychromesh trans., 55 HP w/cab and air conditioner, 4 wheel drive	In Stock
• MF 274 diesel, 4 wheel drive, 55 HP	In Stock
• MF 2640, 16 speed multipower trans., 4 wheel drive cab w/air, 90 HP	In Stock
• MF 2675, 24 speed multi-power trans., cab w/air, 100 HP	In Stock

USED TRACTORS

• MF 30B Industrial Loader Tractor w/Cab, 1978	Priced To Sell
• MF 275 Diesel, 67 HP, 12-Spd., M.P. Trans., 1980, 460 Hrs.	$14,900
• Ford 8600 Diesel 110 HP, Dual Power Trans., 1976, 1,620 Hrs.	$12,500
• MF 2705 Diesel 120 HP, 24-Spd. M.P. Trans., 1978, 1,270 Hrs., Cab w/Air and Heat	$23,200

COMBINES

New MF 550 and 850 Combines In Stock Has 9.9% Finance For 4 years or Waiver of Finance Till Dec. 1, 1983

New MF 1143 & 1163 Cornheads In Stock with 9.9% Finance or Waiver Till Dec. 1, 1983

USED COMBINES

• MF 510 Diesel w/Cab, 12 Ft. Grain Table w/Pick-up Reel, 4-Row Wide Cornhead	$8,500
• MF 410 Diesel w/Cab, Quick Attach 13 Ft. Grain Table, w/MF 44 4-Row Cornhead	$10,900
• MF 44 Wide-Row CORNHEADS	$1,500 to $3,800

HAY EQUIPMENT

MF Square Balers Have 9.9% Financing Or Waiver Till Sept. 1, 1983.

• New MF 120 Baler, Less Thrower	$4,800
• New MF 124 Baler and Thrower	$7,400
• New MF 128 Baler and Thrower	$8,400
• New MF 39 Wheel Rake	$1,995
• Gehl 1450 Round Baler	$9650
• GEHL New Style 9 and 12 ft. Mower Conditioners in stock	

TILLAGE EQUIPMENT

• New MF 345 Mounted 3x16 Hyd. Reset Plow	$2,275
• MF 82 - 4x16 Mounted Trip Bottom Plow	
• MF 880 Plow, 6x18 Semi-Mounted Hyd Reset w/On Land Hitch, Used 150 Acres	$7,500
• New MF 520 Disc Harrow, 12 Ft. Wide, 20" Disc Blades, Includes Scrapers	$3,475
• Used Glencoe 5 Tooth Soil Saver	$3,600

SKID LOADERS

• New Gehl 4510, Ford water cooled engine, flotation tires, fork and bucket	$13,500
• Used Gehl 4500, Ford water cooled engine, 1979 w/bucket & fork	$8,800
• Owantonna 310, 14 HP	$3,600
• Used John Deere 125 Diesel, 1979, watercooled 40 HP, w/bucket and fork	$9,100

FORAGE EQUIPMENT

• New Gehl 1000 harvester	In Stock
• New Gehl 750 harvester	In Stock
• New Gehl 99 blowers, priced to sell	$2,575
• New Gehl 9 ft. mower conditioner	$5,875
• New Gehl 960 forage wagons, 3rd beater, roof, 16 ft. long, 10 ton gear, priced at	$6,400
• Used EZ 16 ft. x 6 ft. sides w/roof and 3rd beater 10 ton gear and 11Lx15 tires	$3,000
• Used EZ 16 ft. x 6 ft. side w/roof and 3rd beater 8 ton gear	$2,500
• Used IH 830 forage harvester w/2 row corn head and 6 ft. hay pickup, good condition, late model	$7,500
• Used Gehl HA 1000 hay pickup, 4 bar pickup, 6 ft. wide w/gauge wheels	$1,200

MANURE SPREADERS

• New Hawk-Bilt 2155 tank Spreader, 152 cu. ft., 676 gal.	$4,500
• Used Hawk-Bilt 187 tank Spreader	$995

MISCELLANEOUS

• New Brady CHISEL PLOWS 7 tooth	$1,125
• Used SCRAPER BLADE 3-point, 6 ft. wide, like new	$275
• New Little Giant ELEVATOR, 34 ft.	$2,100
• New Century SPRAYER, 500-gal. tank, 42-ft. boom	$3,400
• New Glencoe SOIL SAVER, 7 tooth, new style long frame	$5,875

GEHL OFFERS DELAYED PAYMENT PROGRAM TILL APRIL 1, 1984 ON SOME MACHINES. CALL FOR DETAILS

LEBANON VALLEY IMPLEMENT CO., INC.
700 E. Linden St. Richland, PA 17087
(717)866-7518

Umberger's Of Fontana

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Mon.-Thurs. - 7:30-5:00; Fri. - 7:30-8:00; Sat. - 7:30-4:00

New Idea, Gehl, Brillion — Hesston, Bush Hog, Glencoe — Wic, Kilbros, Gilson, Toro — Trustworthy Hardware! The Problem Solvers

OUR DUTCH AUCTION IS BACK!

USED EQUIPMENT	STARTING PRICE	DAILY REDUC. (except Sunday)	PRICE 6/27/83
IH 37 Baler w/thrower	$1353.00	$4.00	$945.00
Gehl 87 Hopper Blower	$592.00	$2.00	$388.00
IH 56 Hopper Blower	$1194.00	$3.00	$888.00
IH 55 12 tooth Chisel, Pull	$2352.00	$4.00	$1944.00
Ford 2 row 3 pt. cultivator	$390.00	$1.00	$288.00
AC 4 row 3 pt. cultivator	$932.00	$3.00	$626.00
NH 770 Harvester 2 row Narrow Head, Electric Controls Pickup Head	$5951.00	$5.00	$5441.00
NH 676 Tandem Axle 285 Bu. Spreader w/tailgate	$3254.00	$5.00	$2744.00
Ford 142 4x16" Automatic Reset 3 pt. Plow	$1976.00	$4.00	$1588.00
IH 449A 4 row Corn Planter	$694.00	$3.00	$388.00
JD 1209 Windrower 9' 3"	$2942.00	$8.00	$2126.00
Roteria 10 ft Power Harrow 3 pt.	$1995.00	$3.00	$1128.00
729A Uni Sheller	$3750.00	$5.00	$2305.00
NEW EQUIPMENT			
Bush Hog Chisel Plow 8' 8 tooth 3 pt. 3 bar w/gauge wheels	$1992 00	$5.00	$1482.00
Bush Hog Chisel Plow 10' 10 tooth 3 pt. 3 bar w/gauge wheels	$2293.00	$6.00	$1681.00
New Idea 762 2 row Corn Head	$2714.00	$25.00	$164.00

Used Equipment

- NH 782 Harvester w/2RN C H and Hay Pickup Hd., nice cond.
- NH Sickle Bar Mower
- Allied Grinder-Mixer
- Glencoe 5 Shank Soil Saver, Ex. Cond.
- Brillion 10'3" Mulcher
- Brillion 12'6" Field Cultivator w/Busterbar
- IH 686 Tractor, 825 hrs. mint cond
- Gehl CB 600 Harvester w/2 row head, new style
- NI 717 Combine w/713S Head
- NI 701 Uni w/cab
- NI 702 Gas Uni w/cab
- Elec Wheel 8 ton 5026 Running Gear
- Brillion 10 shank 3 pt Chisel Plow w/Mid West Rake
- Wic 3 pt. Bale Chopper
- AC A 12' Combine (Will Sacrifice)
- JD 3 pt. 2B Plow
- NI 12 roll Husking Bed to fit mtd corn picker
- NH #268 Baler w/thrower

New Equipment

- Hesston 4600 Bee Line Baler
- 18' Steel Bale Rack Wagon
- Hesston 1091 Windrowers
- Tye 10' No-Till Drill Available for Rent
- NI #565 Bale Thrower
- Gehl #4600 Skid Loader (Demo)
- Kilbros #350 & 375 Gravity Bins
- NI #245 Manure Spreaders
- Little Giant #21 34' and 38' Elevators
- Glenco 9 Shank Stretch Soil Saver
- Schuld Bushnell 4.7 ton Feed Bin
- 801 Uni w/power assist, 818 Combine and 813S 13' Grain Platform

SOYBEAN SEED AND INNOCULANT
*Stanford (Falcon and Burr)
*Williams

Mr. Farmer...We now have available at our store Liquid Nitrogen for your side dressing needs or we will deliver.

"QUALITY PRE-OWNED FORAGE BOXES"

- NEW IDEA #603, 14'x4', 2 beater CASE gear - $895
- JD #115, 3 beater, roof, 10 ton gear — $1800
- NH #8 16'x6', 3 beater, roof, pintle apron, on JD 12 ton tandem gear - A1 — $3900
- Gehl 920, 3 beater, roof, pintle apron, 12 ton tandem gear - A1 — $4500

SPRING SPECIALS

Farmhand 851 grinder mixer $2900

New Holland 371 flail spreader $2200

Case 1830 Uniloader Excellent Condition $6500

1845 G Uniloader $9900

Bush Hog 12' offset disk $6300

Martin 1678 Scavenger Demo Spec. $9400

USED EQUIPMENT

TRACTORS
- '79 Case 1210 p.s.
- AC 7080 Cab-Air-Heat
- Case 1370 Cab-Air-Heat 24.5x32 Radio
- Case 1090 18.4x38 (New) Power Shift
- Case 1170 Cab-Heat 8 Spd. 20.8x38
- Case 900 w/Pulley
- Case 2090 Cab

LOADERS
- Uni Loader Broom
- Mustang 330
- 1845 G

NEW IDEA
- 206 Spreaders
- 325/314 Picker Sheller
- 323 Pickers
- 214 Spreader
- 218 Spreader

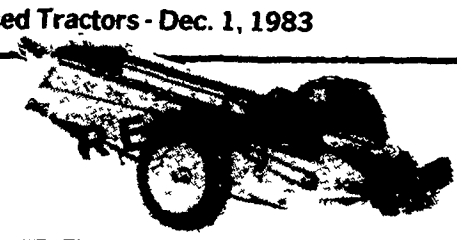
FORAGE
- JD 65 Blower
- Stauffer Forage Box
- Fox HA Harvester
- JD 3800 Harvester
- Hesston Blower
- JD 115 Forage Box
- AC 720 Harvester

MISCELLANEOUS
- Case 12' Disc Harrow
- NH 371 Flail Spreader
- Case Auger Elevator
- Wetmore 878 Grinder Mixer
- Bush Hog 12' disc

UNI-SYSTEM
- 710 Combine
- 743 N Head
- 702 G Power Unit
- 702 D Power Unit
- 767 Harvester
- 738 4RN Head

Waiver of Finance - Used Tractors - Dec. 1, 1983

206 GROUND DRIVE SPREADERS IN STOCK



A.L. HERR & BRO.

PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521

case | NEW IDEA | GEHL Gets into your system | BUSH-HOG

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

NEW EQUIPMENT

WHITE -
- 2-55 tractor
- 2-85 tractor
- 2-75 tractor
- 508 5 Bot. SAR Plow
- 598 6 Bot. SAR Plow
- 435 Conservation Chisel Plow
- 5100 4-Row Planter, Dry Fert.
- 5100 6-Row Planter, Dry Fert.

GEHL-
- CB 1000 For. Harv. w/2-Row Corn Attach. & Hay Attach.
- FB 99 Forage Blower
- WR 204 Finger Wheel Rake, 3pt. Hitch
- BU 960 For. Box, 18 Ft., Steel Sides
- BU 960 For. Box, 16 Ft., Wood Sides

NEW IDEA-
- No. 213 Spreader
- No. 245 Spreader
- 279 CutDitioner
- 325 Cornpicker w/327 Husking Unit
- 507 Mower Cond.
- 509 Mower Cond.

KUHN-
- 17' Gyrotedder
- 10' 2" Gyrotedder, Pull Type

USED EQUIPMENT
- New Idea 213 Spreader 3 Beater
- New Idea 218 Spreader
- FB 88 Gehl blower
- Oliver 252 Disk Harrow 11'6
- Gehl 95 Grinder Mixer
- 5400 4-Row Planter, Dry Fert.

MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

DEPENDABLE MOTOR CO.

East Main St., Honey Brook - Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH TD 50 Disc	$6100
NH #311 Baler PTO	$6300
NH #28 Blower	$2650
NH #315 Baler and PTO	$7540
NH #315 Baler w/thrower	$9350
NH #718 Harvester (1 only)	$6100
NH #791 Spreader, 11:20 Tires	$7130
NH #303 Liquid Tank Spreader, Demo Rental w/injectors	$6950
Pittsburgh 3B 18" Auto Reset Plow	$3150
Pittsburgh 4B 18" Semi Mtd. Auto Reset Plow	$5275
Pittsburgh 12' Field Cultivator, 1 only	$1295
Hutchmaster Disc 22x¼" blades D.O.T. Flex Gang 5600 lbs.	$6200
Dunham 3 Bar 8 Tooth Chisel Plow	$1695

• SPECIAL DEALS ON THE ABOVE PLUS FREE FINANCE ON NEW & USED NEW HOLLAND HAY & FORAGE EQUIPMENT TILL APRIL 1, 1984 SPREADERS AND GRINDER-MIXERS TILL OCT., 1983

SPERRY NEW HOLLAND

JAMESWAY OSWALT ENSILMIXER DUNHAM
Leasing Available

USED EQUIPMENT

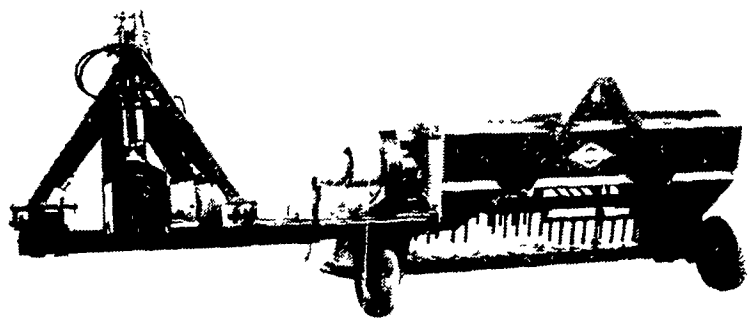
- IH 555 Harvester, 2 Row Head & Pickup Head
- IH 650 Fg. Harvester w/Pickup
- NH 478 7' Haybine, Ex. Cond.
- NH 477 Haybine
- NH 479 Haybine, Ex. Cond.
- JD 1209 Haybine
- NI Crimper
- 7' 3 pt. hitch York Scraper Blade w/100 h.p. rating
- NH 325 Loader 54" bucket. like new
- NH 273 Baler
- NH 310 Baler w/engine
- NH 54A Thrower
- NH 256 Rake
- NH 770 R2 Corn Head
- NH 717 N2 Corn Head
- NH 717 Pickup Head
- NH 519 Spreader
- Martin Semi-Solid Liquid Spreader
- Smoker Elevator 30'
- Case 1830 Skid Loader

DEPENDABLE IS MORE THAN OUR NAME

KUHN

Cuts Harvest Time By Half And Increases Quality

FC55 6 Ft. 7 In. Disk Mower conditioner



3 Point Mounted
$5395.00

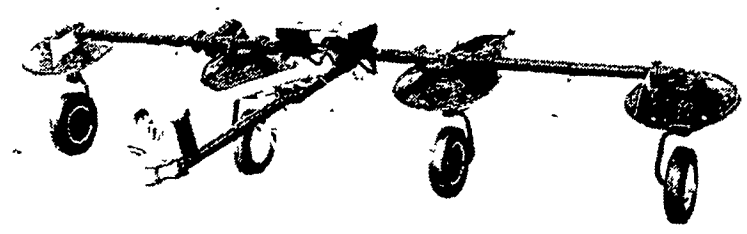
Can be used in 4 different ways:
- Mower - Fluffer (swath plates and comb completely open)
- Mower - Fluffer - Windrower (comb open, swath plates closed)
- Mower - Conditioner (comb positioned as necessary and swath plates open)
- Mower - Conditioner - Windrower (comb positioned as necessary and swath plates closed)

KUHN

First Class Hay In Double Quick Time

with the GF 452TB GYROTEDDER

- 17 Ft. with Balloon Tires **$2835.00**
- 17 ft. with Solid Tires **$2695.00**



Towed model - easily hooked onto any drawbar. When the wheels are locked at an angle the crop can be directed away from hedges and fences.

AVCO NEW IDEA SPERRY NEW HOLLAND JOHN DEERE

ABC GROFF, INC.
Since 1890
110 Railroad Ave. New Holland, PA 17557

STORE HOURS
Mon., Tues., Wed. 7-5
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Parts 717-354-4191
Sales 717-354-4731
Service 717-354-8004

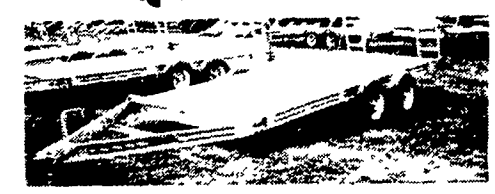
Open Thursday And Friday Until 9 P.M.

PACE master charge VISA

OUR TRUCKS ARE RADIO CONTROLLED

WENGERS INC.
251 South Race Street
Myerstown, PA 17067
717-866-2135
Nights Phone: 717-866-7147 or 717-273-9089

CONSTRUCTION EQUIPMENT



NEW 1983 TRAILERS ON SPECIAL
- 1 Axle, 2 Ton $1150
- 2 Axle, 4 Ton $1350

RUBBER TIRED LOADERS
- JD 544B $28,500
- OMC 770.... $16,500
- Michigan 55 ... $8500
- Trojan 154 Gas. $4950
- Prime Mover LD50 ..... $12,500
- Hough HM - As Is. $2500
- AC 840 ..... $17,500

BACKHOES
- Parsons $5950
- Case 580B .. $12,500
- Ford 4500 ... $10,500
- Ford 5500 ... $12,500
- White 4-80... $16,500
- Long 5 in 1... $16,500
- (2) IH 3400A... $8950
- IH 2504 ..... $6950
- IH 3820..... $16,500
- MF 70 ..... $16,500

BACKHOE ATTACHMENTS
- IH 3141 ..... $2000
- Sherman. $650 $2000
- JD 93 ..... $3500
- JD 93A $4900
- Case.. $1750 & $2500
- McConnell $2200
- Long - New $4250
- Ford $1450

TRACTORS WITH LOADERS
- Case 580CK... $6950
- (2) Ford 600 ... $3650
- MF 20C..... $5950
- Ford 8N $2450

CRAWLER LOADERS
- Cat 933 ..... $8500
- IH T6..... $2950
- Cat 951B. . $19,500
- Oliver OC6 . . $2950
- JD 350 .... . $5475
- JD 350B w/Backhoe. $18,500
- Cat 977K.. $23,500
- Cat 977L. $49,500
- AC HD3 . . $5950
- Oliver OC3 . . $2950
- Case 350 ..... $9950
- Cat 941B.. $19,500
- JD 350 w/4 in 1 ..... $7500
- Case 350 ..... $7950

SKID LOADERS
- OMC 1700 Diesel $6500

DOZERS
- Cat D8H $18,500
- Old Cat D8 .... $2000

CONSTRUCTION DUMPS
- 1974 IH Diesel w/9' Body - Air Brakes..... $10,900
- 1946 GMC 10 Wheel Dump $5000
- (2) Mack 25 Ton Rock Trucks..... Call
- (3) Mack 20 Ton Rock Trucks..... Call

MISC. CONSTRUCTION
- (40) Used hoe buckets... From $150
- (25) Loader buckets.... From $95
- (30) Set forklift forks ..... From $300
- (6) Winches..... Call
- Adams Grader . $2300
- Mortor Mixer ... $650
- Hein Warner C12 Hydraulic Backhoe..... $8000
- Leroi 125 CFM Air Compressor... $2000
- Wayne 984 Diesel Street Sweeper $8950
- 1 Ton Roller... $1000

TRAILERS
- 1983 2X 4 Ton ..... $1350 & $1600
- 1978 2X 6 Ton . $2650
- 1983 3X 9 Ton . $4400
- 1983 1X 2 Ton . $1150
- 1983 2X 12 Ton $5800
- (2) 1977 Freuhauf - 40' Flats. $5500
- 1978 Freuhauf - 42' Flat..... $7500
- (2) 1979 Strick - 40' Flat $7000
- 28' Fifth Wheel - 2 Axle..... $2000
- 1963 Gindy 40' Van. $2500

TRUCK TRACTOR
- 1974 Ford Louisville Diesel $6950

FORKLIFTS
- Ford Marshall.. $6850
- Int. 7000 - 21' $10,500
- Int. 4500 - 21' $12,500
- Clark - 6000 lb.. $2950

LOG SKIDDERS
- JD 440A..... $9500

ROPE IN SOME EXTRA CASH!

Advertise With A Lancaster Farming CLASSIFIED AD...

Phone: 717-394-3047 or 717-626-1164

LONG WENGER'S INC.

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

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FINANCING AVAILABLE — TRADES WELCOME

FARMALL TRACTORS

Cub Cadet 129 w/Mower . . . $1000
806D . . . . . Coming in
706D - TRY - 3 pt. $4950
Cub w/Fast H tch $2450
674D - 1974 . . . . . $6950
460D - FH $2650
Cub w/Cult. $1850
706D - No PTO or Hitch $3450
15-30 - Antique $1750
130 w/FH & Cult. $3750
1066 w/Cab - 1973 . . . . . $10,950

MASSEY FERGUSON TRACTORS

1105 . . . . . $8450
175D $5850
180 - Gas $4850
40 w/Sickle Mower & Cab - Nice $5950
165D $4950
135 Gas - PS - MP $3950
20C w/Loader $5950
135 Gas - Turf Special $3950
44 Special - Diesel $1350

FORD

8700 Cab - Air - 1977 . . . . $13,950
6600 . . . . . $7950
2000 w/Mower - Nice $3950
8N $1650
(2) 600 w/Loader . . . Choice $3650
9600- DP - 1975 - Clean $9850
9000 . . . . . $6950
(2) 5000 . . . . . $5450 & $6450
(2) 6000 . . . . . Choice $2750
3000D - PS - Nice $4850
(4) Antique Fordsons . . . $800 & up
8N w/Loader $2450
9N Step-up $1750
8600 . . . . . Coming in

CASE

VAC - Nice $1250
580 CK w/Loader & 3 pt. . . . $6950
(3) 930 Standard. . . . . From $2500
1270 w/Cab - P. Shift . . . Coming in

"5" 4 WHEEL DRIVE TRACTORS From 65 HP to 200 HP

MF 1805 - Cab - Air - 3 pt PTO - Duals - Nice - 1500 Hrs. . . $17,450
Ford County 6 - 3 Pt PTO . . . $5950
Case 2470 - Cab - 3 Pt - PTO - 1973 . . . . . $14,950
MM AT4-1400 - 3 PT - PTO . . . . Call
Ford County 6 - 1124 - 1970 $8950

OLIVER — DEUTZ

1950T - Nice $7,950
Deutz 10006 . . . . . $4950
Deutz 6006 - Nice $5950
880 Gas - 3 pt. - P.S. $2950
1855 w/Cab - 1500 Hrs. . Coming in

ALLIS CHALMERS

G w/Hyd. & 4 Tools $2500
D15 - PS $2000
WD45 w/Plow $2000
(2) G w/Rotary Mower $1850
200 w/Cab - Nice . . . . . Coming in

JOHN DEERE

4620 - P. Shift - Nice $12,450
4320 ROPS - WTS $11,950
4320 . . . . . $10,950
5010 . . . . . $6350
4020 - Side Console - Syncro - Nice $8950
(5) A . . . . . $595 & up
4010 LP - Wide Front $3950
(2) 50 - Choice $1450
4230 - ROPS - 1976 . . . . . $10,500
4430 Cab - P. Shift - 1975 . . . . . $16,450
4030 - Syncro - 1974 . . . . . $9850
2840 - Clean - 1978 . . . . . $11,950
4520 - Nice $8950
1936 Antique "A" - Nice . . . $2850
70D w/3 Point $2000
720 LP w/3 Point $2000
"G" $1450
60 w/NI 2x Picker $3000

LONG

310C - New $6450

KUBOTA

L245 w/Mower - 40 Hrs. $6495
L185 w/Mower $4950

HARVESTERS

NH 890 . . From $4000
NH 880 . . From $1500
(4) NH Super 717 . . . . . From $1750
(2) JD 25 w/1 row . . . . . From $1650
JD 35 . . . From $1500
Gehl 800 w/2 x 30 . . . . . $6500
Fox . . . . . From $1000
(2) A.C. 720 w/2 x 30 . . . . . From $1500

100 EXTRA HARVESTER HEADS
PICKUPS - CUTTERBARS - CORN
FOR ALL MAKES

BALERS

JD 336 w/Ejector $4950
NH Super 69 w/thrower $1450
JD 410 Round Baler . . . . . Coming in
(2) JD 24T $1000
(3) JD 14T . . $500 & up
(2) NH 66 . . . . . $795 & $895
Case 230 w/Thrower $1450

SICKLE MOWERS

(20) On Stock . . . . . All Price Ranges

CHISEL PLOWS

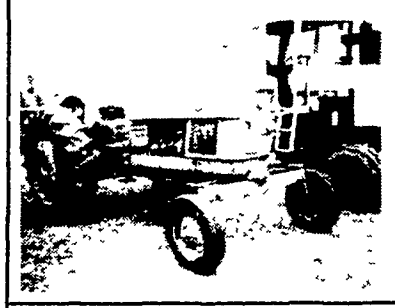
Mohawk 12' 3 pt. $1475
7 Shank "V" Chisel $1500

HAYBINES

Ford 7' - New . . $3000
Ford 9' - Clean . $3000
Hesston PT7 . . . $2650
(2) N.I. 279 Cutditioner - Nice $3500

TRACTOR CABS

(1) Used For AC 190XT $1000
(4) Used for JD 4020 . . . . . $500 to $1000
(1) Used for IH 06 & 56 . . . . . $750
(1) Used for Ford 6000 . . . . . $875
(1) Used for AC 180 . . . . . $1500
(1) New for Ford 5000-7000 $1800
(5) New for MF - 275 to 1155 . . . . . $2000
(15) Used Combine Cabs . . . . . Call
(10) Used Rollbars . . . . . Call
New Cooler for Cab $500
(1) Used for IH 66 . . . . . Coming in



FORD 6000 DIESEL

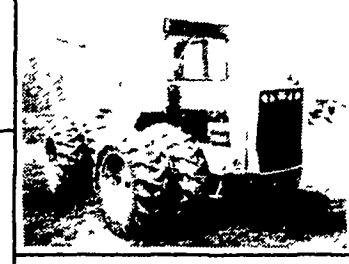
CHOICE OF TWO

$2750 EACH

MECHANICS SPECIALS

(2) Oliver 1850's - Good Buy . . . . . $3450 ea.
Farmall 806 D $3750
Oliver 1850 D - 4WD $4500
Ford 9N $1000

10 CORNPLANTERS — CALL — 30 PLOWS



1976 MF 1805

195 HP,
1,500 Hrs.,
Cab, Air,
3 Pt. PTO, Duals

$17,450

COMBINE CORN HEADS

NARROW ROW
IH 833-743-733-429 -329-863-327
JD 643-443-434-334 -313-335-343
AC 630-430-330
Oliver 703N-531-541-704N
MF 63-43-33-321
NH 4x30 QT
Case 4x30-3x30
NI UNI - 3x30-4x30

WIDE ROW
IH 744-429-329-327-724-229-228-227-25-22-844
JD 434-334-234-210-205-10-344-244-444
AC 440-435-240-238
Oliver 544-531-522-512-
MF 44-24-422-322-222-22-20
NH 2x40
Case 4x40-2x40
NI UNI 3x40-2x40

COMBINES

JD 7700 D - Fire Damage $6900
JD 4400 - Nice Rotary Screen $14,500
JD 45 SB w/2 Hds. $5950
MF Super 35 . . . $4950
IH 82 Pull Type . $3500
JD 4400 . . . . . $6450
702 Uni System $3950
JD 45 SB . . . Coming in
Case 1060 - Nice $5950
Case 660 - Nice . . . . . Coming in

LOADERS

Good Asst.
All Used

GRINDER MIXERS

Gehl - Nice $3450
OMC - Nice $3850
NH 352 . . . . . $3450

STACK MOVERS

Hesston 10W & 30
JD 200

CORNSHELLERS

JD #6 . . . . . $1500
MM 1200 . . . . . $3800-$4500
(2) JD 43 - 3 Pt. . . . . $475 & $875
JD 43 - Pull $875

ELEVATORS

32' to 40' - $695 & Up

CULTIVATORS

1 Row to 4 Row
Lots of Makes
And Models

NI UNI SYSTEMS

701 Tractor w/cab
727 Husking Bed
2x40 Cornhead
3x30 Cornhead
710 Combine Grainhead
3x30 Chopper Head
Pickup Head
High Moisture Throat
2x40 Chopper Head
3x40 Corn Head
760 Chopper
717 Combine
702 Tractor w/cab

MANURE SPREADERS

NI - NH - IH Single Axle . . . . . $495 & Up
NH Tandem Axle $2850
Badger Liquid Tank
Clay Honey Wagon

WAGONS

6-8-10-11-12 Ton Gears . . . . . $425 & Up
New Bale Bodies $595
New 16' Feeder Rack $595
Used 18' Feeder Rack & Gear $595
Used Bin Wagons . . . $695 & Up
Self Unloading Wagons
Bale Wagon $695

MISC. MACHINERY

Rotary Hoes
Lely 13' Roterra
4' to 10' Snow Plows
Lime Drills
Potato Plows
1X & 2X Potato Diggers
GT 270 Dryer . . $3500
Mc 600 Dryer . . $3500
(2) Gehl 72 Flail Choppers
JD 1500 Power Drill

CULTIMULCHERS

11'-12'

DUALS

New & Used
All Sizes

NEW DISC'S

3 Pt. - New & Used
Wheel Type From 8' to 24'
Offsets

SNAPPER HEADS

SHOP EARLY FOR GOOD SELECTION
NH 1x $1500
NH 2x30" w/Long Tongue $3500
Fox 2x30 & 2x40 . . . . . $2350
JD 2x40 . . . . . $2000
Fox 3x $3500

NEW EQUIPMENT SPECIALS

- 6' 3 pt. blades $195
- 7' 3 pt. blades $250
- 8' 3 pt. blades $350
- 6' 3 pt. Landscape boxes $475
- 6' 3 pt. disc's $495
- 7' 3 pt. disc's $695
- 3 pt. fert. seeders . . . . . $275 & $395
- 3 pt. boom poles . . . . . $50 & $100
- Round bale feeders $145
- 3 pt. P.T.O. woodsaws $495
- 3 pt. 12" Post Hole digger $450
- 165 bu. gravity bins $475
- 210 bu. gravity bins $565
- 1 x 3 pt. plow $295
- 2 x 3 pt. plow $495
- 3 pt. bale mover $150
- 3 pt. potato plow $95
- 3 pt. subsoiler $150
- 3 pt. spike harrow . . . . . $500 & $600
- 6 ton wagon $425
- 8 ton wagon w/goodies $575
- 10 ton wagon w/goodies $625
- 11 ton tandem w/goodies $950
- 12 ton wagon w/goodies $950
- 4' 3 pt. rotary mower $485
- 5' 3 pt. rotary mower $495
- 6' 3 pt. rotary mower $695
- 4' pull rotary mower $675
- 5' pull rotary mower $695
- 6' pull rotary mower $895
- 6' 3 pt. stone rake $495
- 7' 3 pt. stone rake $525
- 8' 3 pt. stone rake $545
- Speedy 1200 bushel corn cribs $895

USED PARTS — EAST COAST'S LARGEST

Tractors - Combines - Crawlers - Backhoes - Harvesters - Balers - Cornheads - Haybines - Pickers - Spreaders - Plus Other Items. Over 5000 Salvaged Pieces Since 1960.
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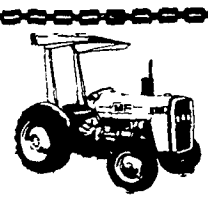

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TRACTORS & EQUIPMENT

AC D17 Dsl. Tractor
MF 40 Dsl. Tractor and Loader
NH 479 Haybine
NH 718 Harvester
Fox 2000 Fg. Harvester w/2R C.H and Pick-up
NH 36 Crop Chopper
IH #46 Baler
IH 440 Baler
NH 315 Baler
NH 270 Baler w/thrower
NH 269 Baler w/thrower
NH 1010 Bale Wagon
NH 510 Manure Spreader
NI 213 Manure Spreader
NH 451 Mower
Hesston PT10 Mower Cond.
JD Grain Drill
IH 1600 Truck 1974 w/20' Van Body

NEW M.F. EQUIPMENT

MF 275 Tractor
MF 285 Tractor
MF 245 Tractor
MF 240 Tractor
MF 265 Tractor
MF 210 Tractor
MF 1010 Tractor
MF 40B Tractor w/Loader
MF 40B w/Cab
MF 20 Turf Tractor
MF 34A Loader
(2) MF 216 Loader
MF #43 2B Plow
MF 820 Disc Harrow
MF 520 disc harrow
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 18 Scarifier Scraper Blade
MF 124 Baler w/Thrower
MF 218 3 pt Rotary Cutter
MF 222 Scraper Blades

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Used Farm Equipment Sales & Service
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1978 JD 6600 Diesel w/Hydro., Air Conditioning AM-FM, Very Sharp, 1480 Hrs.
1975 HD 4400 Diesel Cab, Air and AM-FM, Sharp, 925 Hrs.

JD 4430 factory cab & air, 38" rubber, quad range, good clean tractor
JD 4020 WF, year around cab, fully equipped
JD 4320 w/factory cab, 38" rubber fully equipped
JD 4010 Diesel, wide front
JD 4520, syncro range, factory cab, quick hitch, diff lock, dual hyd (also has 4620 after cooler up date kit)
JD 730 Diesel, elec start wide front 3 pt
IH 1086 79 model cab & air fully equipped super sharp
IH 986 79 model cab & air diff lock sharp
IH 826 German Diesel, fast hitch WF nice original tractor SOLD
IH 1456 w/cab duals & weights solid tractor
IH 1066 factory red cab and air new TA and clutch
IH 856 D
IH 706 Diesel good tractor
IH 826 German Diesel new TA
IH 504 gas, WF
IH M Farmall
AC 200 w/yr round cab dual PTO & hydraulics 18 4 38 rubber 1700 hrs., sharp local tractor
AC 5040 like new 145 hrs
MF 85 Diesel, good rubber, 3 pt
NI 702 Diesel w/710 combine and 711 grain head SOLD
NI 702 Diesel power unit, late model
MF 300 combine, quick tach w/2 heads
IH 400 Cyclo planter, 4 row narrow w/dry fertilizer and Gandy boxes, good cond., $1000
Dunham Lehr 6 row cultivators
Bush Hog mounted chisel, 3 bar
IH factory red cab w/air to fit 966 1066, & 1466
IH & JD cabs (used)

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Evenings 717-786-4899

TRACTORS AND EQUIP. JUST PURCHASED FROM 5 FARMS Farmall 1566 C.A. w/20:8x38 factory duals is in field working for sale field ready, Case 1370 C.A. PS - factory duals and full wts. in field working for sale field ready. JD 4010 D.W.F. Dual Hydraulic, AC, 7010 C.A., P.S., 20:8x38 tires, full wts., light package looks like new, used JD 4440 C.A. (SOLD)& dual wheels, JD 4430 C.A. Q.R. Used JD 4640 C.A., P.S. w/duals. Int. 674 w/loader. Oliver 880 dual W.F. fully equip. Farmall 1468 w/cab, JD 4020 D.W.F., P.S. Dual Hydraulic White 4-150-4 Wheel drive, fully equip. for $12,500.00. JD 4010 gas, 4020, 2630 w/146 loader, JD 2840, Farmall 1086, 1066 w/cab & air $12,800. 766 original Int. 444 utility gas, w/P.S. for $3850. Farmall 1066 for $9950. Farmall 1586 C.A. w/20x38 duals used 1200 hrs. extra nice, Farmall 656 gas - $4950. 706 gas, Case D.B., 990

Hay eq. just traded, used NH 320 baler NH 68 w/motor, Rakes new NH 256 used NH 256 & 56.

New Holland 1034 Auto - Bale Wagon used 3 yrs. NH 1010 auto bale wagon 76 bale cap. used J.D. 3960 Harvester.

(TRACTORS AND EQUIPMENT) Just Bought. 2-new John Deere 2940 4 whl. (SOLD)drive, 4440 CA PS used 2940 w/R.G. like new, 3020 Tri D. JD 4020D W.F., D.L. and 2 values w/cab. New Ford 7600 w/front whl. drive, JD 4020D W.F. P.S. 2640, Farmalls 1586 4 post R.G. w/duals, 1086 w/cab, 886 w/cab, like new; 1206 extra nice, 756D W.F. original, Int. 674 Utility D. Case 770 D w/loader, N.H. 363 tank spreader 1 yr. old. CHISEL PLOWS- new Ford 13-15-17 ft. 3 pt. w/gauge whls. HAYBINES- (new) Int. 1190 List $8900. Our Price $6450. only 1 left. New Gehl 1090 for $4850. New NI 272 cut/ditioner- $3450; Used NI 272; Used NH 489-$4000; Used NH 489-$3875; Used NH 477 used 85 acres, like new N.H., 479, 469. Used JD 1209-$2475; Used JD 1209-$1850; Used Int. 990-$1500; 2 new N.H. 256 rakes w/rubber (SOLD)teeth- $2085.

New & used Fahr & Grim 4 star hay tedders, Nicholson & JD hay teddders.

(Just Traded) 2 N.I. 702 uni w/729A sheller and 743 3 row Q.A. corn head, NI 702 uni w/710 combine and 13 ft., both real nice and field ready.

New AC 7010 w/20 sp. trans., JD 720D, (SOLD) Farmall 686D, MF 1805 4 whl. drive fully eq. for $17,500. White 4-180 4-whl. drive, fully eq. $16,500. Used 966-1 owner original, 1972 JD 4020, 3020 S.C. power shift, JD 4020 S.C. w/cab, 1968 JD 4020. Used Case 2090, MF 1135 w/cab, Ford 3000D. Farmall 350 w/P.S. and F.H., Farmall 450 gas PS and F.H., Ford 6000 Commander D, comp. rebuilt.

Balers (new), NH 315 w/#75 thrower for $9300. JD 346 twine with thrower, MF 124 Baler $1875; New Idea #456 round baler, (new), NI 404 wheel rakes $985.

Used NI 279 cutditioners. Fahr rotary 7 ft. haybine. Used 14 ft. packer, used field cult. 3 used chisel plows. JD 340 12 ft. offset disc, JD 40 sq. back combine w/10 ft. grain and 205 corn. Int. 80 pull (SOLD)combine.

JD 6600D combine w/flex grain and C.H., AC 90 pull combine, Glenco SS9 Soil Saver, JD 210 14 ft. Disc, JD B 16DD w/grass seed drill, Glenco SS13 Hydl. fold Soil Saver, Hesston #30 Stakhand.

JUST TRADED- used Int. 3588 2+2 Int. 986 w/cab, 886 w/cab, 1066, Farmall M w/NI 319 mtd. picker. (Harvesters) NH 890 w/3 row 30" C.H. 2 row snapperhead and pickup head. JD 243 snapper head. JD 7000 4 row planter. NH 276 Baler w/thrower, Forage Wagons.

NH #8 Tandem Axle, JD 216 - tandem axle. Lamco Forage Wagon- 18 ft. Hay wagons w/8 ton running gears. NI 325 picker w/12 roll bed, JD 237 mtd. picker and sheller.

Just Purchased (new) 2 NI 323 cornpickers at old prices. (new) NI 272 cutditioner.

(Combines on our Lot.)

Used 1980 JD 8820 fully eq. w/843 corn head real nice. 1981 JD 6620 turbo Hydro, 200 hrs., like new. 1977 JD 4400 Dsl. CA real nice like new; JD 8820 fully eq. w/4 whl drive and dual wheels used 450 hrs. like new. New JD 4420 fully equipt. 443 C.H. New Holland TR 85 w/grain and 6 row C.H. like new. Int. 1460 axel flo fully eq. w/both heads IH 715 w/German dual used 400 hrs. like new. 1975 JD 6600D rotary screen, good cond. 1976 Int. 715D, w/air & 13 ft. grain, field ready, never used in corn, 1977 Gleaner L2 hydro w/6 row C.H. 1976 Gleaner FD w/air and both heads (1 local owner); 1976 Gleaner KKS cab & air w/grain, 1976 Int. 915 grain head $19,900, 1979 MF 550D, excel. w/grain and corn heads. 1980-MF 750 Fully (SOLD Equipped; 1975-MF 510 hydra. w/grain and corn. MF 510D w/cab, Quick Tach grain for $6950. JD 95 sq. back (SOLD) w/2 heads.

1968 Gleaner CII diesel w/cab and 4 row C.H., JD 7700 D w/grain & corn head.

1969 JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain Int. 810 13 ft floating cutter bar.

Late model Int. 303 w/cab, 1972 Gleaner F w/grain & C.H. NI 702D w/cab $6200 NI 702 w/729 A sheller.

TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard.

New John Deeres 4240 cab & air Q.R. for $29,900; New JD 4440 C.A. QR w/radial tires. Six real nice balers, NH 851 Round Baler (nice); JD 500 Round Baler; Hawk Built round baler.

Corn Heads JD 643, 444, 843, 343, 443, 435N, 313 for 45C, 334, 235, Massey Ferguson 1144 like new, 63, 43, 44, 24, 222, 422, Gleaner L438, F430, F438, K238, F335, F330, M430, K330, Int. 863, 864, 843, 743, 227, NI 4 row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, Int. 6 row, 30" for 503, NH 4 row 38" C.H. New JD 444 $7350, New JD 643 $12,500, used White 706N C.H. NI 738 and 728 4 row 30"

(New Farmalls) 5088 fully eq., 3688 fully eq., 986, 686.

Farmall 706 gas, 806 diesel w/cab original- Nice. 1206 real nice, used JD 4230 w/R.G. and creeper gear, 1966-4020. We have 6 JD 4020 side console diesels. JD 2440 w/R.G., JD 2640, 1970 JD 5020, 4010D WF w/dual hydraulic, Ford TW20 w/cab w/220 hrs., damaged, give us an offer, 1972 JD 4020D, WF JDA w/P.S. & loader, Int. 674D w/loader. Farmmall H & Super (SOLD) H Ferguson 35 original.

TRACTORS AND EQUIP. New NI 324 picker w/super sheller list $15,390. Special $8,475. New NI 325 picker w/super sheller, Farmall 706 w/310 German D w/cab, JD 8630 fully eq. w/duals; JD 2520D, MF 1135 w/R.G. and dual wheels, MF 1105 w/cab, real nice, Int. 656 utility Hydro D. NH 890 2 row snapper head. JD narrow 30" 2 row crop head, like new. Used N.H. 354 Grinder Mixer, like new.

NI 325 pickup w/12 roll bed used 4 yrs.

TRACTORS 1977 JD 4230 cab, air, quad, real nice. JD 6030 cab (SOLD) and duals, JD 4320, Farmall used 986 cab and air, 1566 cab and air w/new T.A., Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.

JD 4020 W.F. power shift, good tires ; Case 1070 P.S. $6975; JD 4010 Tri D, Farmall 766, 1 Case 930 Standard, New Holland 770 w/2 row 30" C.H. NH 890 Harvester w/2 heads, Deutz 9006.

CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row & JD 6 row rear.

CORN PICKERS - Used (2) N.I. 324 w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder Int. 234 w/12 roll bed. NI 319 mtd. picker, JD 300 w/2 or 3 row C.H. Used NI 323, 324, #10.

J.D. 7520 w/3 pt. & Dual Wheels. JD 4020 w/58 Loader, JD 4320 w/cab.

Farmall - 1568 - V8 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 856D nice, Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Farmall 460 Gas w/F.H., Farmall 756 gas, Hi Crop- 656 diesel, 756, Cub Cadets 1282 (SOLD), 1250, (SOLD)149, 1650, 1450, JD 300, 210, 112, Farmall cub w/mowers.

HARVESTERS. N.H. 770 w/2 row, Used Int. 720 - 2 row, for $4650. NH Super 77 1 row, J.D. 38 Chopper w/2 row, Fox 2 row snapper head. NH 770 1 row snapper C.H.

Gehl 400 w/2 row snapper head W.N. and pickup head, Fox 2 row 30" Silage Head, JD 1 row snapper head for 38 & 3800.

ALLIS CHALMERS AC 7060 cab & air, 185 w/R.G. w/600 hrs. AC 185 w/turbo. 7040 w/cab, power shift like new, low hrs., 210 w/new 20.8x38 tires, AC H3 Crawler w/blade and winch.

JOHN DEERE Used JD 4030, 5020 tractor puller.

JD 4010 LP Gas (nice) $3750.

FARMALLS: used 1086 w/cab, air, 1 owner-looks like new, 20x38 tires for $19,500, 1066 red cab & air, Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice. Farmall 400 gas w/P.S. F.H. real nice w/4 row cult.

New White 2-65 w/front whl. drive and new 1730 loader, list $29,000.

Dealers net $23,700. Our special price $21,850.

New White 2-105 w/cab $22,850.

MASSEY FERGUSON - 2805 24 spd. w/duals nice, 2 MF 1155 w/C.A. M.P., MF 1130 for $6250.

(Case) New 2090 Cab & Air, power shift. Case 1030D for $5700. Case D.B. 1200 for $3900. D.B. 995D, Oliver 1950T w/cab, 2050, 1855 w/20:8 tires 1800, 1850 w/cab, 1855 w/dual wheels, Ford 3000D, MM Vista 1000 w/cab and loader, MM S670 diesel.

JD 2510 gas.

N.I. 702 Uni tractors w/ combines & 729A and 729 Uni shellsers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads

IND. EQUIPMENT - Int. 500E crawler loader w/270 hrs., like new, JD 555 Loader. Int. 510 4 whl. drive payloader used 500 hrs. like new. Cat 933 crawler loader.

Int. 3400D. L&B Howard 3 pt. backhoe, Long 1199A-3 pt. Backhoe like new $3850.

Ford 340 skid loader.

TRACTORS W/LOADERS - JD 4020 W.F. w/58L.

Mechanics Specials.

Case 1030 Needs Trans. work. Case 1410 motor. Farmall 706 gas needs trans work.

PLANTERS Used AC 8 row no til bean planter, JD 7000 six row w/fert. fill, plateless, inst. w/minimum till & monitor, (new) White 5100 4 row planter w/monitor for $6850.00, Int. 455 4 row planter w/insect. Int. #56 late model 4 row, real nice - $1975; JD 1460 6 row no-til liquid plateless Inst. - $1975, JD 6 row conservation inst. fert. fill, population monitor and acre fully equipped. Used White 5400 4 row air, w/dry, Inst. no til and monitor for $2000. (used haybines), JD 1209, Int. 990 used N.H. (2) 489, 479, 469.

JD 444 corn heads from $2450 and up.

Cabs for JD and Int. Tractors.

Glenco 12 ft. 9" Soil Finisher like new.

JD B grain drill 14x7 w/grass seed $575, Farmall 560 w/Int. 234 mtd. picker, $3775.00.

Planters - Oliver 6 row no til w/dry fert., inst., fert. fill and population monitor $2875. pick-up heads for NH 770, 717, Miller 12 ft. offset disk, JD Disks #210 - 12x14 ft. New Westfield grain augers 41 ft. 8" KD=$1395, 56 ft. 8" KD=1995. Used Manure spreaders - NI 214 nice, NI 212 flail, NH 510, NI 14A, JD 54, NH 346 tank spreader, NH 27 & 28 Blowers, Kawannee 12 ft. roller harrow, good.

Int. wheel wing harrow. H.N. 36 & 33 Flail choppers.

PLOWS - JD 2500 6x sp. reset, JD 5x hyd. Int. #700 5X auto reset, fully eq., White 5x auto reset, 2 rollover plows - Int. #140 - 4x18, Oliver 4x16 rollover plows, Chisel Plows, JD 10 ft. pull type, Brillion 10, 12, 13 ft. 3 pt. Chisel Plows. Brady 10 ft. chisel plow Rockland rock picker. New Johnson loader.

Brillion 3 pt. 5 Shank Sub Soiler, NI and JD wheel rakes, 2 Used Gravity Bins on running gears.

Straw choppers for combines; JD 4400, 7700, 6600, MF 510, 550.

Bargain corner Haybine

MC 9E Rotary Scythe.

JD Disks- TW 12 ft. heavy disk; Int. #500 = 11 ft. heavy disk, White 252 - Dual wheel disk. JD 65 & 66 blower. Woods 4 row stalk shredder.

Used JD 400 15 ft. rotary hoes, Kawanee 22 ft. Wing Disk, Int. #510 24x7 DD grain drill- nice.

Int. 510 18x7 S.D. w/grass seed.

JD 8300 21x7 DD grain drill.

2 Ontario grain drills on steel wheels w/disc openers nice. NH 268 baler w/thrower, 2 Ford 3 x 3 pt. plows.

Loaders - Used JD 146, MF loader for 1105, New G.B. loader, M.F. loader for 590. 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 4 Used 30.5 x 32 tires.

Int. front whl. drive attch.

No Til Attachment for Int. 4 row 400 planter complete.

TRUCKS - 1979 Chev. C65 24 ft. rollback w/61,000 miles, like new, KW truck tractor fully eq. looks like new, Delta 44 ft. combine trailer, 1980 Silverado Chevy diesel w/every option, looks like new.

(New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, (20) sets of dual wheels all sizes.

JD front & rear weights, IH front and rear weights.

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JD 5 bottom automatic reset plow
MF 550 combine w/1143 corn head
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USED EQUIPMENT

Leyland 270 Diesel
Leyland 384 Diesel
IH 715 diesel hydro combine, 900 hours
IH 700 4 bottom plow
IH 1066 tractor w/cab
AC 5050 w/700 hrs.
Ontario grain drill
JD 950 w/67 hrs.
Pequea tedder PTO
Woods C114 SOLD y mower
#56 Blower, nice

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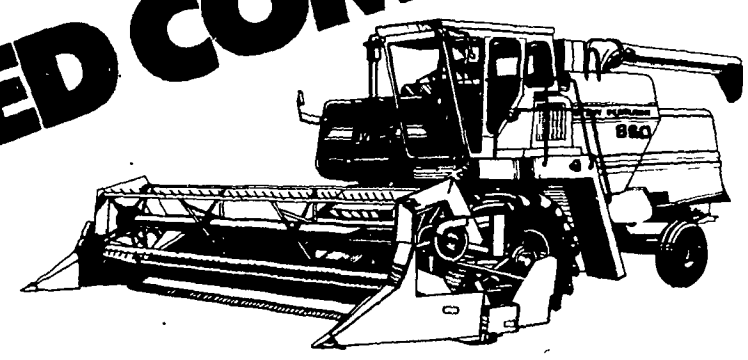

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TAKE YOUR PICK!

1980 MF 760 V8 15 ft. Grain & 1163 Corn Head	$62,000
1978 MF 760 V8 w/rear Wheel Drive & grain saver	$48,000
1976 MF 750 4 wheel drive, 6 row, 4 row corn head and 15 ft floating grain table	$39,000
1977 MF 750 Hydro with grain saver	$29,000
1977 MF 510 Hydro cab w/air condition	$19,000
1976 MF 750 gear	$26,000
1976 MF 750 hydro	$19,500
1976 MF 750 hydro with straw chopper	$29,000
1975 MF 510 gear air conditioned cab	$19,000
1975 MF 750 hydro	$22,000
1975 MF 750 gear with grain saver	$26,000
1975 MF 760 hydro	$26,000
1975 MF 760 hydro V8	$29,000
1975 MF 300 gas cab like new condition	$15,000
1974 MF 760 hydro	$25,000
1973 MF 760 hydro	$24,500
1973 MF 750 gas gear drive, excellent condition	$17,000
1974 John Deere 6600 diesel	$24,000
1972 MF 510 gear with cab	$12,500
1972 MF 510 gear with cab	$10,500
1972 MF 300 gas with cab	$10,500
1971 MF 410 gas with cab	$8,500
1971 MF 410 diesel with cab	$8,500
1972 MF 510 diesel with cab	$8,500
1971 MF 510 diesel with cab	$12,500
1972 MF 510 diesel with cab	$12,000
1972 MF 510 diesel with cab	$12,500
1969 MF 510 diesel with cab	$12,500
1968 MF 510 diesel with cab	$10,000
1968 MF 510 diesel with cab	$15,000
1968 MF 510 diesel with cab	$13,500
1968 Gleaner "C" with cab & 4 row 30" corn head	$8,500
1967 MF 410 diesel less cab	$6,500
MF 300 gas	$3,500
Gleaner "A" gas	$2,000
JD 45	$2,100

Above Combines include Grain Tables Less Corn Heads

Three 10 ft; four 13 ft.; six 14 ft.; eight 15 ft.; five 16 ft. Grain Heads nine 2 row 38"; fifteen 4 row 38"; six 4 row 30"; eleven 6 row 30"; two 8 row 30" Corn Heads

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Located: 4 miles West of New Holland on Route 23,
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IT'S HAYING TIME

New 16' wooden bale racks - new, 18' steel bale racks, used Hesston Mower Conditioners. - PT 7, PT 10, 1090, NH 488, 477, 489 Haybines, NI Cutditioners 7' and 9' AC B w/5' Side Mower, NH 451 Sickle Bar Mower, plus 40 or more used sickle bar mowers, 3 pt., fast hitch, mounted, semi-mounted & trailer, IHC 420 Baler, NH 269, 273 Baler, NH 276 Baler Like New, Hesston 5800 Round Baler, Hesston 4500 square baler w/thrower, NH 1010 Stack Wagon, Fahr Hay Tedders, Grimm Hay Tedders, New & Used bale elevators, Farmec, NH, new Little Giant & Zimmerman hay & grain ele. vators. Side rakes NI, JD 660 w/Dolly wheel, NH 258, 259, NH 701, 707, 717, 770 Forage Choppers, Gehl 300 chopper w/2 heads, Hesston 7020, 2000-150 choppers, Various Pick Up Heads, Gehl 72 Flail Chopper, used pick-up heads for NH 717, 718, 880, 890, JD 34, 35, 38, AC 780, Kasten 3 beater forage wagon w/roof like new, Grove Forage wagon, Gehl 3 btr. wagon w/roof, used Grove Lamco AC and Dion 2 btr. chuck wagons, used forage blowers, AC, NH, NI, Koolf.

USED TRACTORS

AC 7030 w/cab, 7000 w/cab, 190XT w/cab, 200, 180D, 175D, D17 Gas & Diesel, D15, B, WD 45, D15 Series II, 3 pt. w/loader, D19, JD 4320, 4020 Diesel, Power Shift w/cab, 2630 w/loader, 620 & 60 both w/power steering, 420, A, B w/cults., IHC 806, 656, 544, 504, Super MTA, 364 Diesel, M, H, 230, Super C, A, 140, 154 w/mower, Cubs, Cub Cadets, MF 265, 165, 135, 65, 30, Ford 800, 600, 8N, 4000 w/loader, 2000 w/loader, Jubilee.

LAWN & GARDEN

3 pt. - 1 btm. plows, IHC cultivators for Cubs-Super C's, Holland Vegetable Transplanter 2 row 3 pt., New Transplanter 3 pt. 1 row w/water tank Model 90 Plastic Mulch layer, AC riders - B1 and Big 10 w/mower, 916 Hyrdro w/mowers, New Kubota riding diesel mowers, Roseman 3 gang mower, New and Used Mott Hammer Knife mowers, plus many NEW mowers Woods, Bush Hog, Kubota - and other equipment for the Home or Commercial Grower

INDUSTRIAL & TRACTOR LOADERS

Tractor Loader Backhoes - JD 500C, JD 350, Case 580, (2) AC 655 Crawler Loaders - one w/winch, Trojan 204 A Loader w/cab rear steering, JD 440 A Gear & Power shift Log Skidders, Great Bend 666 Manure Loader, Case 530 Loader, JD 401 A Loader w/cab & 3 pt. Hitch, IHC 3444 Loader w/3 pt., IHC 2050 w/loader, Royer top soil processor.

SKIDSTEER LOADERS

Bobcat 600 Gas, 611 Diesel, Gehl HL4400.

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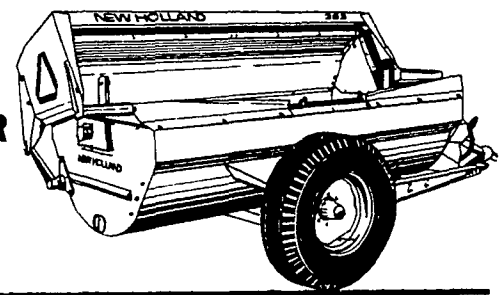

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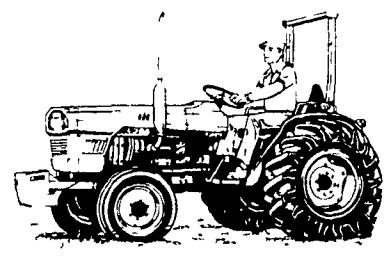

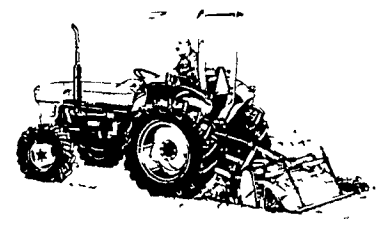

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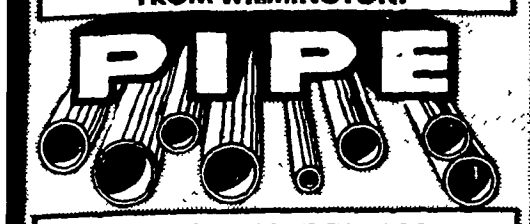

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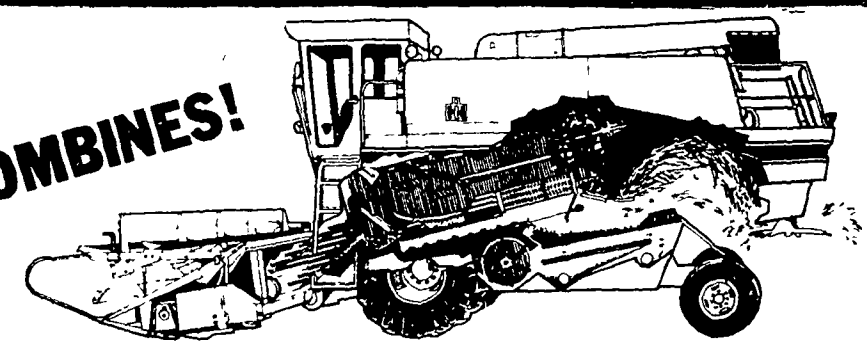

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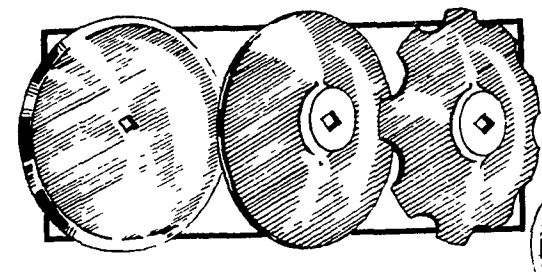

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IH 154 Cub w/Mower
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Snapper Comet riding mower
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Forage Equipment
IH 550 For. Harv.
IH 650 Forage Harvester
IH 56 Blower
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JD 34 Harvester w/2 Heads
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IH 42 Blower
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Miscellaneous
Sauder 7 ft. Snow Blade
IH 1850 Loader
IH 2000 Loader
IH 2001 Loader
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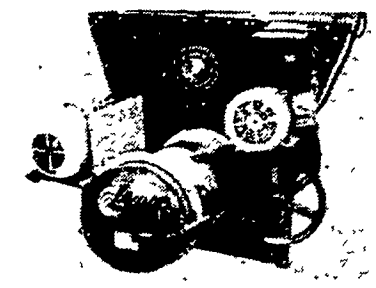

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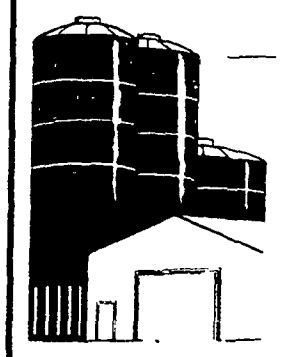

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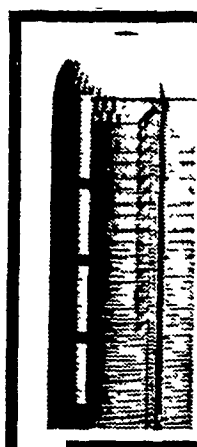

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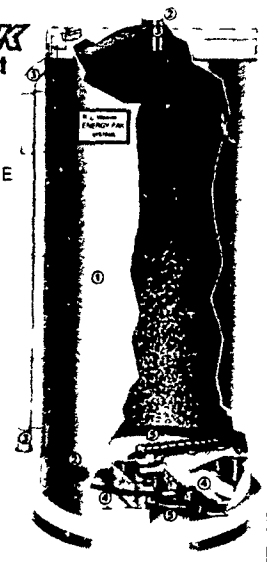

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MODEL #8200
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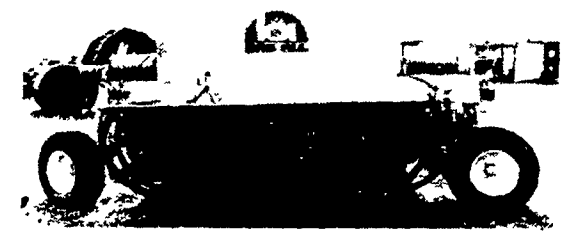

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ONE SIDE • TWO SIDES
SPLIT LOT, 2, 4, OR MORE

NO SEPARATION OF SUPPLEMENT & SILAGE

LOW POWER REQUIREMENTS

THE BREAK-THRU TO FAST, Quiet UNIFORM CATTLE FEEDING!

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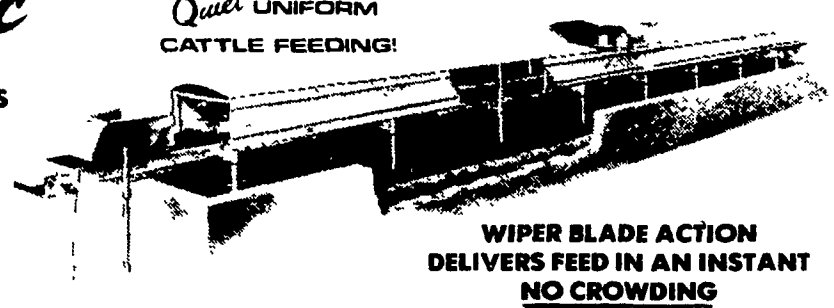

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The NEW Silo-Matic TITAN 2600 UNLOADER

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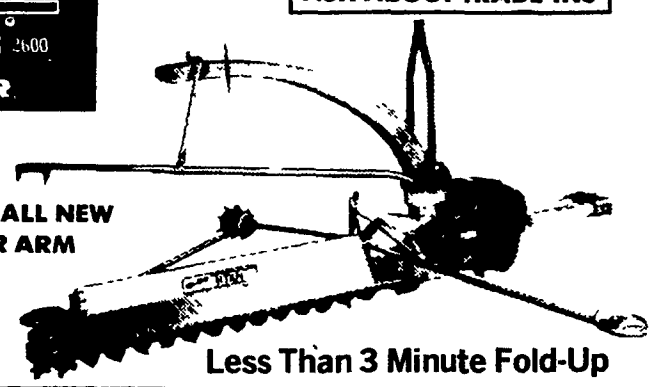

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For sale - silo roof, 10', chute and ladder. Union Co 717-524-9633.

1 - 24 x 80 Fickes, 1 - 16 x 60 Ribstone, 1 - 16 x 60 Michigan. S & S Silo 717-768-3052.

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For Sale - Used 2580 Harvestore structure with or without remanufactured Goliath unloader. Call: Penn-Jersey Harvestore Sys., Inc. (717) 354-4051.

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Extensive tests have been conducted on Gunite. Below are some of the properties of Gunite:

1. Excellent bonding
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The excellent physical properties of the material are due to the water content being only the amount needed to satisfy chemical hydration.

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For Sale - 20' x 60' Fickes silo. Call 717-687-6672 evenings.

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PHONE: 215-445-6736
53 Yrs. Sales Serv.
Top Unloading
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Completely automatic feed batching system that weighs all ingredients to as little as one lb. per ton. Call for demonstration 717-637-2214.

60,000 bushel grain storage bucket elevator, dryer and wet bin, 717-548-3504.

Complete grain system to be moved, 2 augers, 4 18' x 25' bins with aeration; 1 36' x 20' bin with 2 drying fans and stirator; 2 22' truck scales, and all related equipment, $22,500, Cumberland Co. NJ 609-451-0904.

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Grain Aeration, gal. round 12" tubes. 50-4' sections $20 each, half price. Als 40 26"x4' $35 each. Dry or cool Portect damp grai from spoilage. Large 38" 5 M BTU, 20,000 CFM Behlen gas burner blower Demonstrator half price $3000. Harvest early fo double cropping. S.S Dryer, Kenton, Del 19955.

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USED BELTING MATERIAL
Good for free stall and stanchion barns
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I will try to repair all makes & models you might have

ELAM S. STOLTZFUS
RD 1 Coopers Dr.
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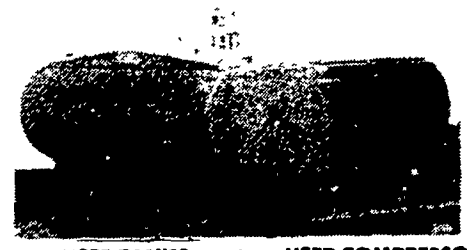
MUELLER
USED 600 GAL. M



USED TANKS
425 Gal. Esco
900 Gal. OH Mueller
500 Gal. D-2 Girton
1000 Gal. Sunset

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3 HP Lehigh
2 HP Tecumseh

ENGINES
• 1 New 4 HP Tacumseh Gas
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500 Gal. ~~Mueller~~ SOLD
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800 Gal. ~~DeLaval~~ SOLD
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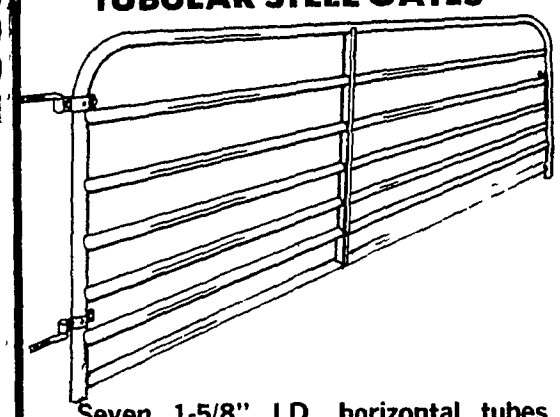

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3 bins with 52,000 bu. capacity - Shiver's Drying System (5000 bu./day), cleaner, augers, fans, 55,000 lb. scale and scale house. Located on 2.1 acres with 3 bedroom mobile home. Everything for $75,000. Near York, Pa.

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All New Tanks Factory Calibrated

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• 700 Gal. Mueller
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NEW TANK - D4 600 Gal. Girton

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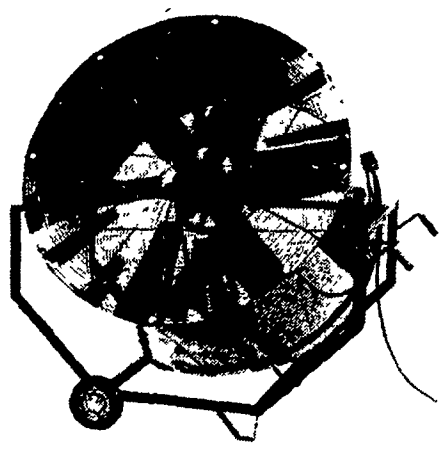

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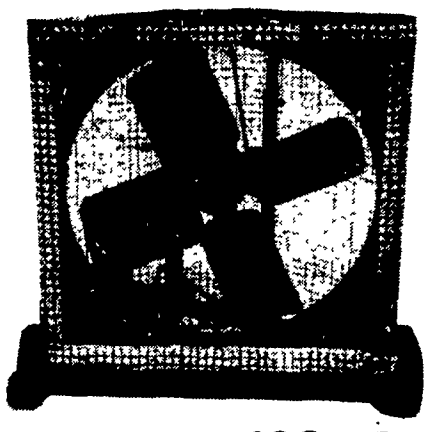
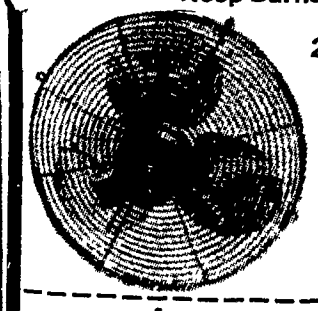
NEW EQUIPMENT SPECIALS:
A COOL DEAL FOR THE HOT DAYS - KEEP THOSE DAIRY BARNS & COWS COOL & COMFORTABLE WITH A 36" PORTABLE FAN. AVAILABLE WITH ½ H.P. MOTOR & CORD, or GAS ENGINE



June Sale Price $395.00

Keep Barns Cool -



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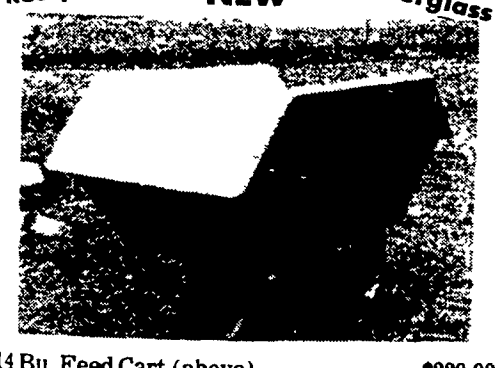
$125.00 Ea. w/½ H.P. Motor

Rustproof "NEW" Fiberglass



14 Bu. Feed Cart (above) $220.00
30 Bu. Silage Cart..... $260.00

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DAIRY EQUIPMENT

JUNE SPECIALS ON DAIRY EQUIPMENT
- New & Used DeLaval Pail Milkers
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- New Westfalia Pail Milkers
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Answering Service 717-529-2668

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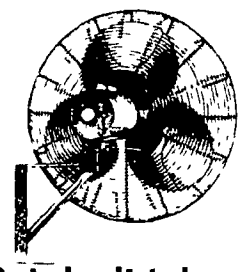

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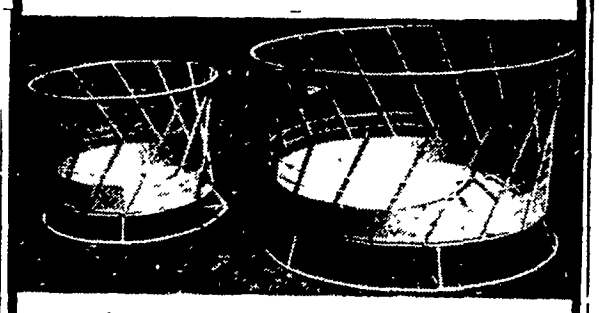
10% OFF ALL ROUND HAY FEEDERS TILL JUNE 30th



In Stock ~~$165.00~~ 10% OFF $148.50

In Stock ~~$200.00~~ 10% OFF $180.00

17 head Capacity suitable for round bales or square bales, grain or silage. 5/8 exterior plywood flooring.

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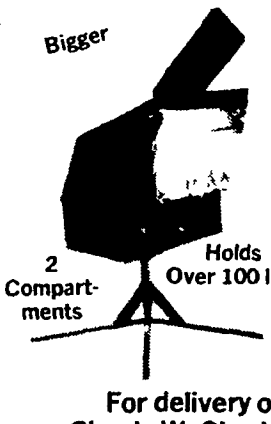

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2 Compartments
Holds Over 100 lbs.

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Dealers wanted for York & Chester Co.

$175 Complete
$155 Without Insecticide Applicator

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522 Beechdale Rd.
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5 Miles East of Lancaster or
1 Mile North of Bird-in-Hand

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For Sale One Sputnick, four Surge bucket milkers, (1) 55 lb. (3) 50 lb. $850. Wanted - one DeLaval pail 65 lb. or larger. Juniata County. 717-463-2146.

Used 8' 7004 Supreme Batch Mixer w/new 5 HP motor, reconditioned and ready, $3795. Used 1½" DeLaval pipeline milker w/two 2 HP vacuum pumps, receiver panel, Universal washer, glass-lined for 37 cows, $1250. 2 Staright vacuum pumps, 3 HP pump and basemount tank, $415/each or $750/pair. One Boumatic 2" glass receiver panel and pump, $530. One used 7½ HP vacuum pump less motor w/oiler, $1000. One 4 HP Tecumseh condensing unit, like new, was $1400, now a Dairy Month Special $885. York Agway, 2600 W. Market St., York, PA 17404. 717-792-2674 or after 7 PM Bradley Miller 717-566-6243.

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Barn fan, Fogmaster model 16208 fogger like new, bull pen, livestock clippers 3 yrs. old, breeding record holder. 215-795-2595 Bucks Co.

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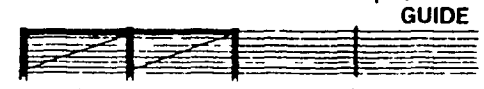

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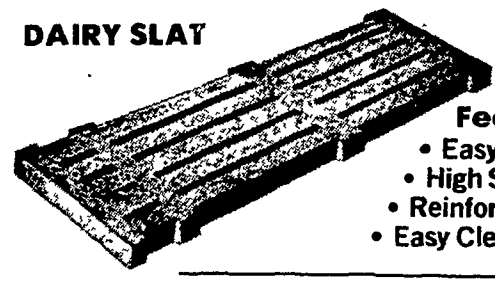

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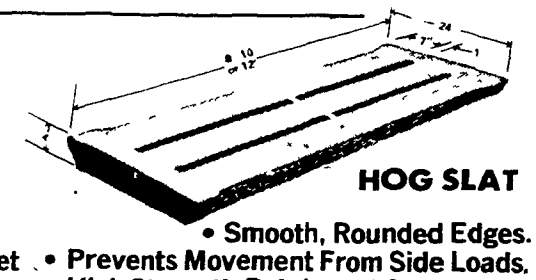

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Reg. and Commercial Polled Hereford cows w/calves for sale. Excellent bloodlines. Sire by Penn State Performance tested bull. Call Buck Hill Farm 215-363-6110 or 215-384-6025 eves.

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Young, 8 mo. old bull. Approaching service age. Registered. Glen Valley Star son out of Exc. Elevation daughter with 2 records of over 22000 lbs. milk, 4.1 and 4.4% fat. Has been dehorned and ringed. Production records of dam and 5 generations pedigree available on request. Call Bill Phillips 301-758-0614.

For Sale - 20 Canadian Holstein heifers due to start calving in August. Can be seen at Brookville, PA. Jefferson Co. call ask for Mr. Wingard 814-328-2488 or 419-526-3771.

For Sale - 20 crossbred heifers, Limousin, Angus, Simmental. 13 months old, average 900 lbs. Sired by performance tested bulls. 814-894-7936 after 5 P.M.

Quality Holstein heifers, due July. Also young cows, due June and July. Service age Holstein bulls, some Registered. 717-653-5408.

For Sale - 7 Registered Holstein cows, 3 due in August, 3 due in November, one due in January, one is a bred heifer, 5 are milking 2 year olds, one is a four year old scored 84, all cows are scored and have DHIA records, Service Sires include Pete, Starfire and Arrow, priced to sell. 215-869-3502 at lunchtime or after six. Chester Co.

CATTLE

Service age registered Holstein bulls by Pete, Star, Astronaut, Glendale, Chief and others. Dams classified very good with records over 29,000 lbs. milk and 1195 lbs. milk fat. Stumpland Farm. 215-488-1965

Western & Canadian dairy cows for sale. As a service, we will select and deliver. Many years experience. Terms available. Also lease program available. I. Greenberg and Son, Box 249, Mt. Holly, NJ 08060. Telephone 609-267-1101

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Registered and polled Herefords, cows, calves and heifers, 100 must go by September, 215-647-2432.

Limousin bulls for sale, polled yearling purebred and percentage available, Richard McDonald, Shippensburg 717-532-4298.

For Sale - Five Registered Holstein heifers. To freshen in July. Braunside Farms, Finksburg, Maryland. Phone 301-861-8273.

2 Registered Holstein cows, both due early fall, 1 bred to Jemini, other cow to Spirit, first $3000 takes both, 717-758-2136.

Holstein heifers, some Registered and some Grade, will freshen in July. 717-263-9091.

Jersey heifer by Black Magic due in Sept. to Favorite, Surville health records, real nice, 215-486-6346 or 215-383-6373.

D.H. Rumsey, Bath, NY - Always in the market for top dairy animals - I buy all kinds, but prefer first and second calf heifers. Buy, Sell, Trade, Lease!! Phone 607-776-3478.

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One Registered, both due soon; bred to A.I. bull, aged 6 years and 3 years

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with high fat-high protein milk

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Will lease to good farmers 1st calf heifers w/option to buy.
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50 Strong Bred Holstein Heifers due starting August.
Calfhood Vaccinated.
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Somerset County

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Stud service, 17 Hands, Registered Standardbred solid trotter, good conformation, hand over breeding. Amos L. Beiler, Rt. 4 Box 111, Loop Rd., Quarryville, PA 17566.

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HORSES & MULES

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3 year old Morgan filly, sire Figures Excitement by Chasley Superman, dam Trophies Madonna by Trophy, broke to ride, shown successfully in 1981. 717-764-1888.

For Sale - Dressage Saddle, good condition. Size 18" - $100.00 or best offer. 717-938-2783.

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6 year old sorrel saddlebred carriage horse, 16.1H, sound, slightly truck shy, but tough road horse, works in heavy harness, $800. Issaac S. Fisher, N. Soudersburg Rd., Gordonville, PA.

One load of Standardbred carriage horses from Kentucky.

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50 ewes, mostly grade Suffolks, ages 2-4, all lambed in 1983, $50 each. Southern York County. 717-993-2829 evenings or weekends.

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2 beautiful Registered Quarterhorse mares, champion bloodlines; also will trade Ted Flowers silver parade outfit for fancy two-horse trailer. 814-445-6358.

2 big chestnut saddlebred horses, 4 years old, sound, traffic safe, well broke, ready to go on a tip, horses pull on lines real good, $1150 and up. Ivan K. Stoltzfus, RD 1, Box 101A, Narvon, PA 17555, 1½ miles southeast of Churchtown, turn right at Twin Valley Bible Chapel, Shirktown, Rd., 1st farm left.

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Belgian gelding, age 3, sorrel with blaze, white mane, broke easy, feeder 1400 lbs. 814-856-2973 Centre Co., $725.

For Sale - 9 year old AQHA Stallion, grandson of Joe Cody, best offer, 814-364-1994 after 5 PM.

For Sale - 3 year old Reg. Percheron stallion, good all-around worker. Ivan Martin, RD 3, Ephrata, PA 17522.

4 American Saddlebred horses, all 4 driven on highway, 2 lady broke, 215-445-6298.

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Polypay Sheep, registered and certified, lambs, rams, ewes, twins or better, 215-269-6967.

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For Sale - Registered Suffolk ram lambs, Dauphin Co., 717-692-2483.

For Sale - Suffolk ewe lambs for fall breeding. 717-648-3618.

For Sale - 3 Nubian does, Grade and American. 301-526-5336.

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4 bred sows due July 9 to 14, York
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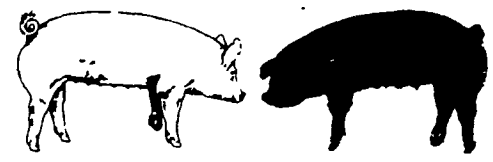

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Catalogs available June 15th

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Northcentral PA July 22
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Yorkshire and Hampshire service age boars, also 85 open gilts ready to breed, John Strawbridge, 301-996-2022.

For Sale - Young crossbred boars and gilts out of registered Landrace boar. 717-697-4594.

Service age reg. Yorkshire boars, Bred gilts, due August, from healthy, productive herd. Delivery available. Charles Hall, Box 263, Julian, PA 16844. Centre Co. 814-355-1647.

For Sale - 6 month old boars. Purebred Yorkshire and Yorkshire Landrace cross. Yorkshire Hampshire cross, clean stock, Warren Nolt, 717-656-9764.

Yorkshire Service Age Boars all sizes available at all times. Open and Bred Gilts by order. Out of very healthy and productive stock. Pseudorabies and Brucellosis free herd. Will deliver. Red Run Farm, RD#2 East Berlin, PA. 17316 717-292-4634.

For Sale - Landrace and Poland China boars and open gilts. Harlan Wessner 215-298-2343.

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Quality Boars and Gilts at Low Prices
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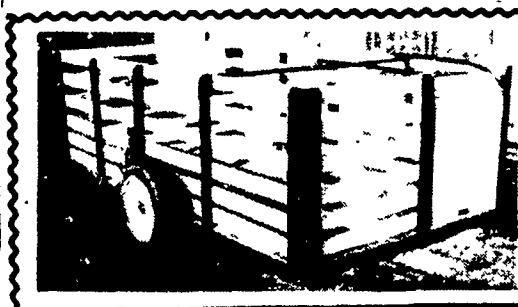

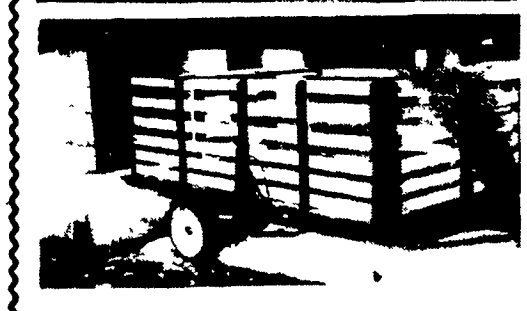

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Standard model 7'x12' bed
Bed raises from ground level to 52"
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Will also custom build
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SWINE

For Sale - Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines, Willow Glen Farm, R1, Box 221 Strasburg, Pa. 17579, 717-786-2562.

2 sows bred week of June 20th, one 3 year old boar, one open gilt and 4 young boars. Lancaster County 717-786-1882.

4 Yorkshire bred gilts and 2 sows due July 6 to July 19, healthy and productive herd, Red Run Farm, 717-292-4634.

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Duroc, Spot, Crossbred Gilts
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We buy, sell and haul all kinds of poultry.
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Sell direct to us for cash.
* Fowl
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Used semen tank. Linde XR16A $200. Call after 5 p.m. Jeffersonville, N.Y. 914-482-4330.

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WE SPECIALIZE IN THE LATEST AND MOST MODERN DESIGN IN BUILDINGS AND EQUIPMENT FOR HOG CONFINEMENT
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Will pay premium price
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All Natural Molasses Base Liquid Protein. Make sweet feed with any PTO mixer. Wholesale, retail from manufacturer, dealer inquiries invited. Call collect. 301-343-0343

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Free liquid chicken manure, free for pumping and hauling. 717-687-6035.

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900 bu. - $90
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100% thru 100 mesh, 40% CaO, 77% CaCO3 3% Potash, USDA tested and proven ENP=75, Only $4.40 per ton F.O.B. Bangor, Penna.

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Test analysis show analysis up to 33-69-32.
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BCS tillers do a lot more than till. Because the tiller unit can be replaced by a lot of other implements. Like the snow-blower. Or a lawn mower. Or a sickle-bar cutter. And it only takes a few minutes to make the change.

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JD 14 H.P. 140 Garden Tractor with mower, good condition $1350. Franklin Co. 717-532-9234.

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609 tobacco plants for sale. Daniel Beiler, 78 South Maple Ave., Leola, Lancaster County.

For Sale - Canteloupe plants grown in 2¼" peat pots, priced 12 cents each. Miles W. Fry and Son, Inc., Nursery and Greenhouses 717-354-4501.

For Sale - early and late cabbage and cauliflower plants. Call 717-788-3092.

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Mt. Joy, PA 17552
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For Sale - Strawberries, $1.25 a qt. 537 Hackman Rd., Brunnerville, Pa. 717-626-2658 or 626-6475.

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Packaging
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J.C. Ehrlich Co., Inc. Termite, Pest, Rodent and Smoke control. Lawn and shrubbery spraying. Free estimates. 1278 Loop Road, Lancaster, Pa. Phone 717-397-3722.

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Soybean roasting on your farm. Dale L. Schnupp. RD 6 Lebanon, PA 17042. 717-865-6611

Bradford's Cattle Hoof Trimming. 301-452-8574 or 301-838-5105 (ans. ser.)

Wanted - Old barns and other out buildings, will pay cash. S & T Salvage 717-456-7583 RD #3, Box 80 Delta, Pa. 17314.

Tractor service and repair specializing on Ford, will consider other makes as time permits. Good rates, schooling and experience, Luther R. Patches, Leb. Co., 717-273-3679.

Custom pea hulling. Leacock Manor Produce in Gordonville on Leacock Rd. across from Hoover's Mill.

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- Pole and Block Buildings
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- Equipment
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(White Horse)
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Custom Combining - Bethel, Frytown, Fredericksburg and surrounding areas. Small grain. Will travel for acreage. John J. Brown, RD 1, Box 2291, Jonestown, PA 17038. 717-865-4395.

Custom combining, small grains, in Berks and Lehigh counties, reasonable, have references, will travel. Also call now to schedule fall corn and soybeans. 215-756-4341.

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Most Bags $800
Will Travel
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Will saw your logs or ours.
Will sell lumber wholesale.
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Can finish in 2 days or less
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- 40 Ft. Twin Diesel Six Passenger Boat
- All Tackle Furnished
- Sails out of Barnegat Light, N.J.

FISH FOR BLUES, SHARKS, TUNA
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CUSTOM COMBINING
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Person wanted to repair H.T.S.T. Pasteurizer located on farm at Lambertsville, New Jersey, Howard day 212-719-2157, night 516-764-4854.

Responsible milker needed for 60 cow dairy farm in Lambertville New Jersey. Please call Howard, day at 212-719-2157, night, 516-764-4854.

Dairy help, experienced in AI preferred for large Virginia Dairy, 804-286-2688.

Herdsman for 150 cow registered Holstein herd, milking, record keeping, AI, etc. House, insurance and good salary, located S.E. Frederick County, MD. References required. Gay Ridge Farm, Ijamsville, MD 21754 301-662-7086.

Person to assist in milking in stanchion barn with pipeline, can live in, good wage, Write to Lancaster Farming, PO Box 366 D-54, Lititz, PA 17543.

Wanted - person to work on farm, mostly cropping type work, should have experience in crop farming and milking cows, must be motivated and capable of managing him or her self, please send resume to James L. Shrawder, Rothrock Golden Holstein Farms, RT 1, Kempton, PA 19529.

Opportunities for veal feeders, long term contracts with housing, call after 7 PM, 201-383-0715.

Farmer w/field and dairy background, references and experience necessary. Send replies to: Lancaster Farming, P.O. Box 366, A-61, Lititz, PA 17543.

Work opportunity - Poultry and crop farm, job includes; egg gathering, poultry house sanitation, equipment maintenance, some field and lawn work, must live on farm for night and weekend security, must work 2 weekends out of 3, call between 8 AM and 4 PM, 717-665-5927.

Married person to work on 80 head of milking registered Holstein dairy farm. Must have experience in milking, field work, and herd health. Comfort stall barn with Surge pipeline. Large 3 bdr. house with free gas heat provided. Call 412-286-9049.

Milkers, experienced, house and utilities furnished. Write qualification: Carwytham Farm, PO Box AF, Bridgehampton, NY 11932.

CUSTOM WORK

Planting no-till drill double crop soybeans and pasture renovation. Lebanon County 717-865-2385.

HELP WANTED

Responsible person or couple to work on 100 cow dairy farm with milking parlor. Must enjoy working with cows. Modern farm house available.
Good offer for right person.
Lancaster County
Send replies to:
Lancaster Farming
P.O. Box 366, R-10
Lititz, PA 17543

SITUATIONS WANTED

Wanted - part-time work on farm, prefer dairy, experienced milker, eves. and weekends. Elizabethtown or Maytown. Ask for Jim or leave message 717-755-6568.

Wanted - Old barns and other out buildings, will pay cash. S & T Salvage 717-456-7583 RD#3, Box 80 Delta, Pa. 17314.

Man, 34, would like employment on a poultry or livestock operation. No dairy. Has Associate Degree in Livestock and Poultry. Phone 717-252-2092.

Position as dairy manager, would like position managing cows and field work w/incentive program, can A.I. Have almost complete line of tools for machinery maintenance. 215-347-1792 before 9 PM.

Farm couple wants farm and machinery to rent in Bucks County, PA. Call Jim 215-357-1008 days, 215-357-1319 evenings.

College graduate w/Major degree in Agriculture seeks an agriculture job. 717-653-4169 after 4:30 PM.

Father Son team w/complete exp. would like to operate dairy, salary share or lease purchase. Call 301-521-5495 after 7 PM.

SKH

AVAILABLE FOR IMMEDIATE EMPLOYMENT

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P/T BAKERY CLERK - combination of day and evening hours (15-20 hours/week). Provide general bakery assistance.

F/T CRAFT SALESPERSON - must have knowledge of popular crafts and be flexible in scheduling (work will include some day and evening hours). Pleasant personality a necessity.

LEOLA:

P/T GREENHOUSE CLERK - work 2-3 evenings/week (5:00-9:00) + Saturdays. Must be familiar with the care and maintenance of annuals, perennials, and herbs.

P/T TRIMS CLERK - work 2-3 mornings/week + Saturdays. Will also work some evenings. Assist customers with decorative items for the house.

STAUFFERS OF KISSEL HILL
360 W. Main Street
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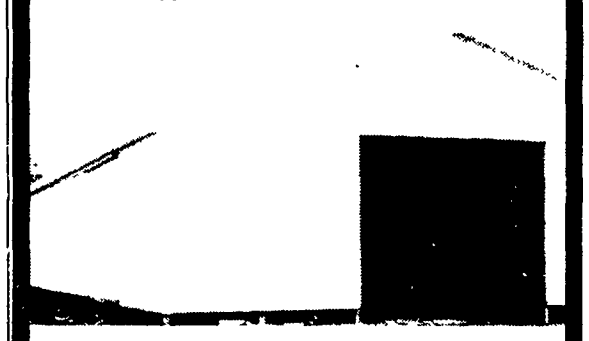
HOOF TRIMMING TABLE
All Tools
EVERYTHING
you need to start business, even account numbers, new hyd. pump
$3000
914-856-5744

SITUATIONS WANTED

Married couple with one child, 13, looking for position as herdsmen on modern, total confinement swine operation. We are interested in breeding, herd health, feeding, cleaning and management. Have some experience with finishing hogs. Very eager and willing to learn all phases. Looking for long-term employment. Have references. Available on or before September 15th.
Desire Pennsylvania.
Send replies to:
Lancaster Farming
P.O. Box 366, D-55
Lititz, PA 17543

WORK WANTED



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We Also will do Roofing, Siding, Brick, Block Cement Work, Home Remodeling, New Homes.
No Job Too Small.
FREE ESTIMATES
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GENERAL CONTRACTOR
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215-589-2967

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For Sale - Hydroponic Greenhouses, 128x32 tomato; 16x32 lettuce, two years old. 717-933-8360 anytime.

For Sale - 8 unit motel and lunchonette with living quarters presently being operated, possession anytime, very good fishing, hunting, camping area in Clinton Co., asking $65,000. 717-923-1483.

RECREATIONAL VEHICLES

850 T3 Motto Guzzi, absolutely in new condition, 8000 miles, full dress, $2195. 215-536-9643 after 3 PM.

For Sale - 1971 Ford school bus, 66 passenger, very good condition, $2000. 301-877-1703.

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1980 VW Dasher, 4 Spd., Dsl., Air, AM-FM, Black, $3,295; 1979 Impala Stn. Wgn., V8, Auto., Air, $3,695. 717-733-4422 Dlr.

'66 Chevell SS Sport, 350 automatic trans., best offer. 717-284-3280.

Want to buy - 1975 Caprice Classic convertible, must be in excellent condition and low mileage. 814-445-6358.

COMPUTERS

Pick Out Your Software First. Farm Software Services, Bernville, PA 215-926-3167.

Need Help Programming Your Farm Computer? College student would like to program or teach you to program your microcomputer. 717-626-6062.

Wanted: Distributors for Apple Computers & Farmplan Software, minimum investment, full training & support, excellent return, nationwide company. Contact: AC&CS, Box 2008, Syracuse, NY 13200. 315-475-1084.

NOTICE

Notice - Good's Pea Shelling at Ken-Nel Farms, 196 West Lexington Road, Lititz, Pa. 717-626-4911 same dependable service.

PETS

Wanted: Puppies, all breeds. Jack's Dog Farm, Rt. 611 Piperrsville, PA 18947 215-766-8802

Wanted - puppies for pets, AKC, purebred and mixed litters. Will pick up locally. 717-442-4259.

AKC Brittany Spaniel pups, parents good pointers, Amos L. Martin, Terre Hill

AKC Miniature Schnauzers, champion bloodlines, shots and wormed. 717-285-3023.

Registered Australian Shepherd puppies, champion working bloodlines, excellent disposition. 717-285-3023.

Reg. Border Collie pups, wormed, shots, working stock, parents, ready to go, Wilmington DE, 302-655-0558

For Sale - Adorable baby pet skunks, decented and ready for good homes. Call Quakertown 536-4190

AKC Registered Collie pups, beautiful, loyal, friends for life, eyes and health guaranteed, Spellbound Kennel 814-224-2239 or 224-2391.

MISCELLANEOUS

For Sale - New bu. crates. Bees and supplies. John W. Shirk, East Earl RD1, 17519, B.2 Fetterville.

We buy and sell new and used cardboard boxes, steel fiber and plastic drums or wooden barrels, Reliable Recyclers, 114 S. Maple Avenue, Leola, PA, 717-656-4211.

PETS

For Sale - AKC Collie puppies sable and white, shots and wormed, Dauphin Co., 717-533-7280.

Catahoula Leopard stock dogs, great dogs for family watch dogs, dairy and hog farms, natural heelers, all ages available, guaranteed satisfaction or money back, Thorpe Farms, Newtown, PA, 215-862-2650.

Jack Russell Terrier puppies, whelped 4/24/83, a very devoted pet and loves to hunt groundhogs and rats, 717-469-0782.

AKC English Springer puppies, 7 weeks old, liver and white, excell. hunters and nicely marked, shots and wormed, Bedford Co., 814-623-5234.

AKC Registered Basset Hounds, eight weeks, shots and wormed Luzerne County, Phone 717-379-3288.

AKC Golden Retriever pups, excl. color, bloodline and disposition $150 717-966-3679.

MISCELLANEOUS

Wanted to Buy - Old or junked fork lift trucks, will pay cash. 717-652-1957.

Hand operated baloney and cheese slicer, $100, 814-542-8175.

Best offer - Frame building, approx. 70' long, must be removed first week in July, 717-872-5523

For Sale - Two wheeled horse cart, wooden wheels. Perfect condition. Harness included. $350,000 firm. 215-367-6867.

For Sale - 12 ton ear corn, $95 per ton Service age bull, dam: Jupiter heifer, sire: Milbrofar Elate, grand dams: Astro Jupiter and Paclamar Astronaut, with over 21,000 lb. records on both sides and over 700 lb. fat, price $700. Over head door, 14 ft. wide, approx. 9 ft. high. Ben S. Stoltzfus, RD 2, Box 237, Loganton, PA 17747.

75HP, 50HP 3-phase electric motor, 25HP vertical, 1HP 220V electric motor. 717-367-4797.

MISCELLANEOUS

FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by apointment. Myer's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169

2" new boiler flue pipe, exc. for gates or fencing. 717-872-9152 days, 872-2579 eves. and weekends.

Good locust posts for fencing and landscaping, fully seasoned, choice in sizes and price, 717-755-5587 eves.

220 HP Cummins Diesel power unit, large water pump, can be used as snow maker or irrigation, 50HP electric motor, make offer, 215-385-3884.

Wanted - Old barns and other out buildings, will pay cash. S & T Salvage 717-456-7583 RD#3, Box 80 Delta, Pa. 17314.

FOR SALE

3 Hp Copplin condensing unit-low temp -with outside hood 3 Ph Model LAC1-0310 $500

20 ft Hussman open meat case made up of one 12 ft and one 8 ft unit complete with one Copplin Model KK100C 1 Hp med temp condensing unit connected to 12 ft. unit and one Copplin ½ Hp Model KG 751 med temp condensing unit connected to 8 ft unit Both units are single Ph 230V Remote Units $1 200 complete

1 Copplin ½ Hp sing Ph 230V sealed condensing unit $150

1 Toledo Pre-Pak scale Good condition $75

1 Anker Mech cash register good condition $50

1 Grindmaster coffee grinder (antique) $25

Phone 717-534-1429

NOTICE:

Truck & Trailer classified advertisements are located in Section B with Real Estate and Mailbox Market advertising.

Deadline for Trucks and Trailers and Real Estate, Wednesday 5 P.M.
Mailbox Market Deadline, Tuesday 5 P.M.

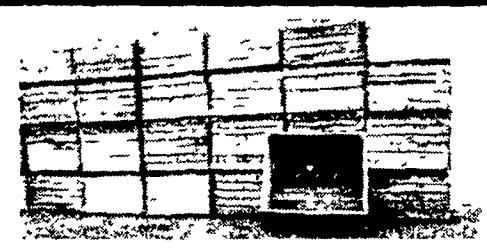
MISCELLANEOUS

ANTIQUES

Wanted - Old Corner Cupboards.
Paying up to $3500
Old desks up to $2500
Old high chest of drawers up to $3000
Buying dry sinks, wall cupboards, oak and walnut furniture.
Anything old - lamps, quilts, dishes, copper kettles.
Also buying old doors, flooring, locks, silver coins, gold coins.
If you have anything, give us a call

Fisher's
1-215-286-6618
or 1-215-488-1714
Anytime - Let's Talk

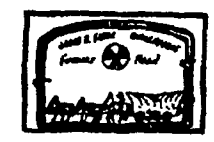
MISCELLANEOUS



FOR SALE

Bins - Apples, Potatoes, Melons, Cabbage, etc. Cuts down handling, used, extra good shape, 54"x47"x25".
All oak. Can deliver - $10.00 each
215-926-1231

MISCELLANEOUS



BUTCHER KETTLES

25" wide 15" deep $119.50
Use for in or outdoor cooking.
Cast iron fire doors
16" wide 12" high $49.86
Also use for barbecue pits.
We stock and deliver free in zone 1 & 2.
Zone 3 or 15 mi. $9.
Zone 4 or 20 mi. $12. 30 mi. $15.
or any six items delivered free or pick-up here.
We install including all material for $476, minus chimney.
We go anywhere. (open) Home Eve.

JACOB E. FISHER
Georgetown R3 Box 106
Quarryville, Pa. 17566
717-786-1920 6-6:15 P.M. only

BUSINESS FINANCING

Commercial, Agriculture, Real Estate, Etc.
NO BROKERAGE FEES OR COMMISSIONS
For professional information
Call Bob Edinger

717-393-1327
Thorp Financial Services
"For over 50 years"

DOG HOUSES
PENS — RUNS
INSULATED OR REGULAR
CHAIN LINK KENNELS

Cupolas & Weather Vanes

Fisher's Dog Houses
58 QUEEN ROAD
(¼ mile S. of Intercourse)
Dealership Available

EMANUEL S. FISHER
GORDONVILLE, PA 17529
Leave Message At
(717) 768-3839

PETS

Wanted - 2' gasoline wood splitter. Ephraim Stoltzfus, Box 74, RD#3 Honey Brook, Pa. 19344.

Wanted - Low Head Water Turbine. Noah N. Zimmerman, Martindale, Pa 17549 215-445-6061.

2 seated Stauffer carriage, 215-445-6298.

I won't need any pups till July 19th. The puppy stand will be closed June 28th, July 5th & 12th. DO NOT bring any pups to Root's.
If anybody would like to contact me regarding the price of pups, phone 609-452-8903 or 301-778-6666 early mornings for best results, keep trying.
I need 350 pups on Tuesday, July 19th.
Attention Farmers - If you have good dogs to sell, contact me at 609-452-8903 early mornings. Let me know when they are 2 wks. old so I can take orders for them on the Greater New York market, thereby assuring you a better price when they are ready for market.

Attention!!!
I would like to buy a used 4 door Cadillac in good condition. Will pay cash. If it needs anything, don't bother to call. Prefer a one owner car, no dealers.

JO JO THE DOG MAN

I need nice Shepherd, Collie & Terrier pups. Also - cute Peek-A-Poos, Cock-A-Poos and anything cute & shaggy.

I need good healthy, clean pups, pure & mixed breeds, to 8 weeks old. Offering extra high cash prices. Baskets of cash waiting for you! Paying up to $75 for extra cute mixed breeds.

See Me At
Root's Farmer's Market
RD 1 Manheim — Every Tuesday 5 PM - 8 PM

P.S. On July 19th, there will be 2 prizes: a $25 prize for the cutest pup & a $50 prize for the farmer who comes the farthest distance to sell me pups that I buy. Winners will be announced in July 23rd's Lancaster Farming.

RUBBER STAMPS

Made To Order
Ink Pads Available
Write or call after 6 P.M.

Gary Hess
451 N. George St.
Millersville, PA
717-872-6245

FOR SALE

BUTCHERING EQUIPMENT
MEAT SAWS, GRINDERS, STUFFERS, SLICERS, SPLITTING SAWS, TABLE, KNIVES, ETC.
NEW & RECONDITIONED
MARTIN BAMBERGER CO.
4110 Pinkney Rd.
BALTIMORE, MD 21215
(301) 358-9700

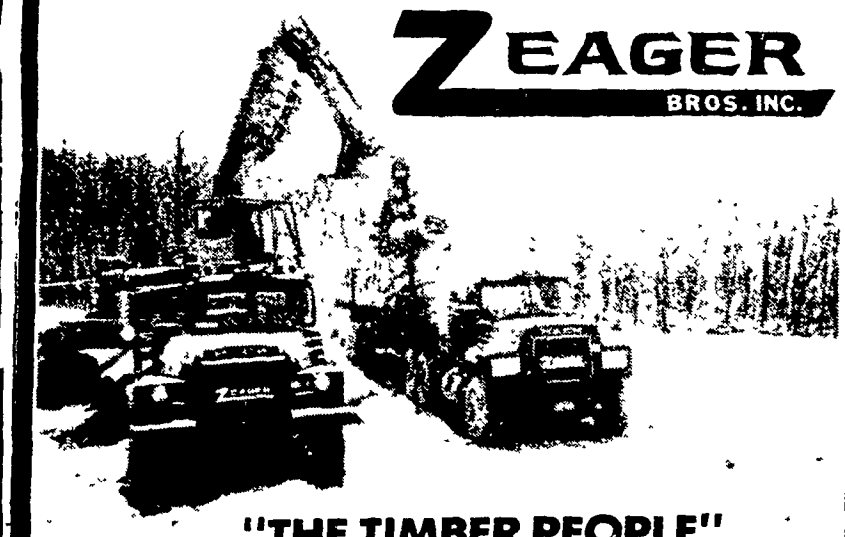
We Pay Top Prices For Standing Hardwood Saw Timber

Weaver Bros. Sawmill
Beaver Springs, PA

717-658-3447
collect
after 5 PM

WE'RE LOOKING FOR TRACTS OF GOOD QUALITY TIMBER

ZEAGER BROS. INC.



"THE TIMBER PEOPLE"
4000 EAST HARRISBURG PIKE
MIDDLETOWN, PA 17057
717-944-7481

SEE US FOR: HARDWOOD LUMBER
WHITE PINE LUMBER
HORSE CARPET

SPRING BONUS SPECIALS

Announcing waiver of finance charge to Nov. 1, 1983, on all 100- to 190-hp 50 Series Tractors...

Plus $4,000 rebate for Caster/Action™ MFWD

Now these test-proven, fuel-efficient John Deere row-crop tractors have to be ranked as most price attractive as well. Because qualified buyers can now finance any John Deere 50 Series row-crop tractor — 2WD or MFWD - and finance charges will be waived to November 1, 1983.* That long-term waiver lowers your financing cost while at the same time you have the advantage of investment tax credit and first-year depreciation.

On top of that, if you buy a new 50 Series row-crop tractor with Caster/Action MFWD, John Deere will give you an introductory cash rebate of $4,000.

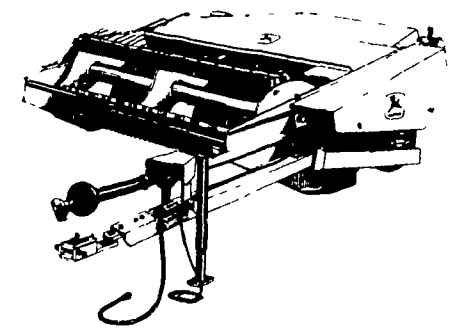
We and John Deere are confident that, in the years ahead, Caster/Action MFWD tractors will be the ones that used-equipment buyers will want. And John Deere's putting its money on that belief: a $4,000 cash rebate to encourage you to equip your new John Deere row-crop tractor with Caster/Action MFWD now. And that rebate will be on top of our best deal, so see us soon for a quote.

Model	Cash Rebate for C/A MFWD
190-hp 4850	$4,000
165-hp 4650	4,000
140-hp 4450	4,000
120-hp 4250	4,000
100-hp 4050	4,000

*Availability of John Deere financing plans subject to approval of credit These offers may be reduced in value or withdrawn at any time

SPRING BONUS SPECIALS

Now: waiver of finance charges to April 1, 1984 on most new John Deere hay or forage tools...



Plus Pick-A-Team Bonuses

Now you can replace any worn-out or fully depreciated hay or forage tool with a high-performance John Deere tool — and do it without a big cash outlay. Get our super deal on whatever tool you need — (except rakes, mowers, or 27 Shredder) Then finance it with John Deere and finance charges will be waived to April 1, 1984 * You'll put up your 1983 crop with more efficiency. you'll get investment credit and depreciation against 1983 income. yet you'll pay no finance charge until April, 1984!

On top of that, if the tool you buy is included in the list below you'll qualify for the 1983 John Deere Money bonus indicated. And get a certificate qualifying you for the Pick-A-Team Double Bonus when you make your second machine purchase from the list by April 30, 1984. (To qualify, one purchase must be a John Deere mower/conditioner.) Don't delay: these offers can be withdrawn at any time.

First Machine Purchase of a:	Qualifies for 1983 John Deere Money Bonus of.	Second Machine Purchase by April 30, 1984	Qualifies for Total Pick-A-Team Bonus of.
Mower/Conditioner	$400	Square or Round Baler	$1,400
Mower/Conditioner	$400	3940/3960 Forage Harvester	$1,600
Square or Round Baler 3940/3960 Forage Harvester	$300	Mower/Conditioner	$1,400
	$400	Mower/Conditioner	$1,600

*Availability of John Deere financing plans subject to approval of credit These offers may be reduced in value or withdrawn at any time

The Long Green Line™

JOHN DEERE

Nothing runs like a Deere®

A.B.C. GROFF, INC.
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LEHIGH AG EQUIPMENT
(Formerly Chapman Equipment Center)
Chapman, PA
215-398-2553

CLUGSTON IMPLEMENT, INC.
Chambersburg, PA
717-263-4103

J.S. COVERT & SONS
Neshanic Station, NJ
201-369-5241

OXFORD GREENLINE
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215-932-2754

EVERGREEN TRACTOR CO., INC.
Lebanon, PA
717-272-4641

FOSTER EQUIPMENT SALES
Elmer, NJ
609-769-1535

H.R. GUTSHALL & SONS, INC.
Carlisle, PA
717-249-2313

ROBERT G. HAMPTON, INC.
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BARRETT EQUIPMENT
Smicksburg, PA
814-257-8881

ELDER SALES & SERVICE, INC.
Stoneboro, PA
412-376-3740

NEUHAUS'ES
York, PA
717-428-1953

I.G. SALES
Silverdale, PA
215-257-5136

EVERGREEN ENGINES CO.
32 Evergreen Road
Lebanon, Pa. 17042
717-273-2662

SOLLENBERGER EQUIPMENT
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LANDIS BROS. INC.
Lancaster, PA
717-291-1046

KERMIT K. KISTLER INC.
Lynnport, PA
215-298-2011

ROBERT E. LITTLE INC.
Zieglerville, PA
215-287-9643

PIKEVILLE EQUIPMENT INC.
Oyster Dale Road
Oley RD2, PA
215-987-6277

GEORGE V. SEIPLE & SON
Easton, PA
215-258-7146

SHOTZBERGER'S EQUIPMENT
Elm, PA
717-665-2141

TOBIAS EQUIPMENT CO., INC.
Halifax, PA
717-362-3132

LOST CREEK IMPLEMENT
Oakland Mills, PA 17076
717-463-2161

WOODHULL EQUIPMENT, INC.
Medford, NJ
609-654-2011

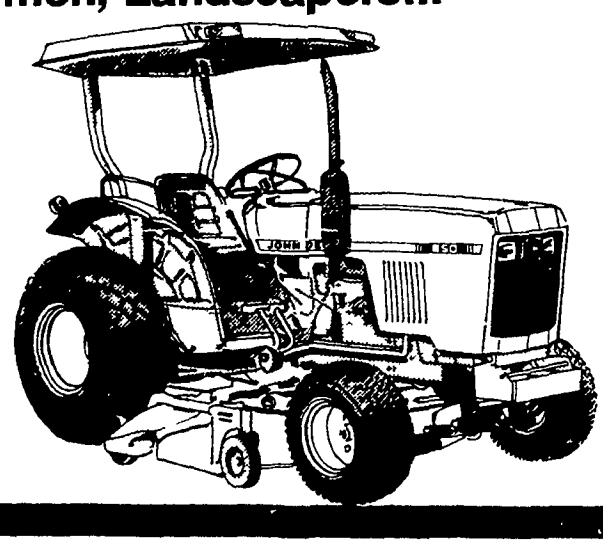
M.S. YEARSLEY & SONS
West Chester, PA
215-696-2990

SMITH'S IMPLEMENTS, INC.
Mercersburg, PA
717-328-2244

DON CHESKE BROTHERS, INC.
Hackettstown, NJ
201-852-4488

TAM SERVICES INC.
RD 4 Box 77A
Gettysburg, PA
717-334-9148
717-334-3710

Groundskeepers, Nurserymen, Landscapers...



Do the job right with a John Deere Compact Utility Tractor and matched working equipment

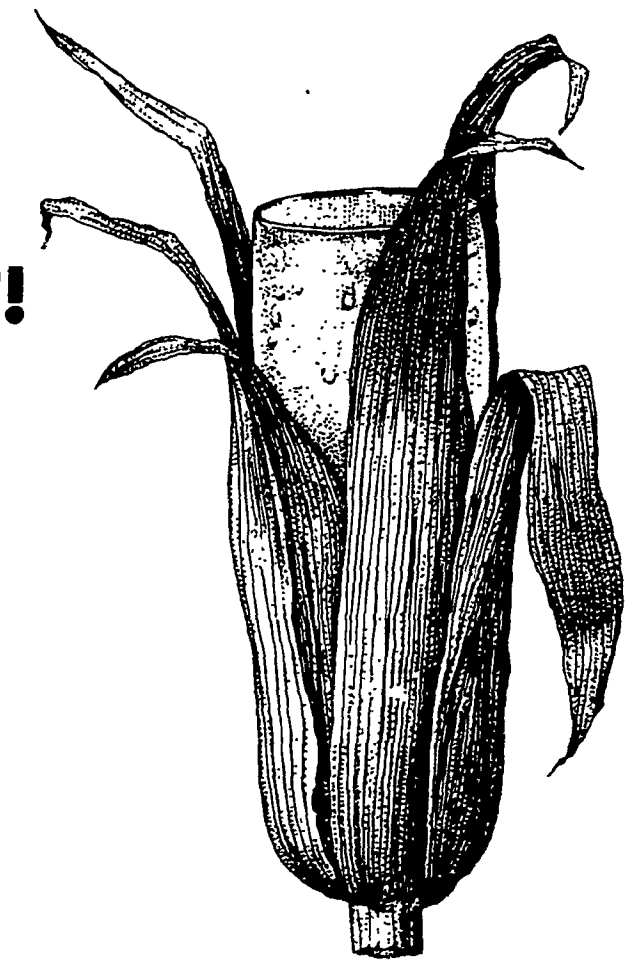
John Deere 650 through 1250 Tractors are a valuable addition to any operation. Pick a model with 17 to 44 SAE gross engine hp and 14.5 to 40 PTO hp*. All have liquid-cooled diesel engine, color-coded controls, differential lock, 540-rpm rear PTO. Plus 8- or 9-speed transmission and 3-pt. hitch (Category 1 or Category 2). Mechanical front-wheel drive is available for all but the 850. And you can choose from more than 20 implements — five different types of mowers, posthole digger, post driver, tiller, front loader, front or rear blade, box scraper, to name a few.

JOHN DEERE

* Maximum PTO hp at 2600 engine rpm for 650 and 850; 2400 engine rpm for 750, 950 and 1050; 2500 engine rpm for 1250. All ratings by official test, except for 650, 750 and 1250, which are factory observed.

EFFICIENCY,

WILL MAKE YOUR BOTTOM LINE!



Now, get more milk to the bushel with Purina® protein supplements.

Whatever your grain, we have the supplement that'll help you milk it for all it's worth. Purina's nutritionally-balanced protein supplements are formulated to maximize your herd's milk production. So you get more milk to the bushel of grain.

There's a Purina protein supplement that's right for your forages and your cows. Give us a call or stop by today. We'll sit down and show you how to get more milk per bushel of grain.

Purina High Octane® Cow Chow 36 works!

Balanced, high-nutrient levels for maximum milk production.

Purina research has found a way to provide high energy levels without sacrificing other essential nutrients.

It comes from an in-depth knowledge of what your cows need. And tough quality control standards that demand top-quality ingredients.

As an added bonus, your cows develop and keep good body condition. You should see fewer health problems. And, strong cows keep milking at top potential year after year.

PLUS * HI O 36 LC (Low Calcium) TO HELP US BALANCE YOUR HIGH LEGUME PROGRAM

Purina Cow Chow 38% Milking Concentrate

Dairymen know that a palatable ration increases feed intake, which in turn increases milk production and milk income.

Dairymen who use Purina Cow Chow 38% make sure their cows are receiving the essential requirements of energy, protein, minerals, and vitamins. And a healthy herd keeps producing at top levels, lactation after lactation.

PLUS * COW CHOW 38% with UREA
PLUS * A TAILORED 38% TO FIT YOUR PROGRAMS ECONOMICS, AND NUTRITIONAL REQUIREMENTS
AND...* HEAVY HAY/HAYLAGE AND HIGH MOISTURE SHELL CORN? ASK ABOUT DAIRY 30%

Figure Up milk income over feed cost with Purina: YOUR PURINA DEALER'S FARM CONSULTANT CAN HELP YOUR MANAGEMENT TEAM!

Purina... planning tomorrow with research today.

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Good Breeding | Sound Management
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WEST WILLOW PA 17583

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2497 TOME HWY
RISING SUN, MD 21911

Anthony's Feed Mill
PHONE 215-488-6211
STRAUSSTOWN, PA 19559

Farm Business News

Opening veterinary practice are Drs. Craig A. Landa, left, and John P. Hurtgen.

Vets open practice

NEW FREEDOM — Craig A. Landa, MS, DVM, and John P. Hurtgen, DVM, PhD, announce the initiation of a large animal veterinary practice.

They will be working in association with William J. Solomon, VMD and Pin Oak Lane Farm and Equine Clinic located near New Freedom. Their practice area will include York and Adams Counties in Pennsylvania and Baltimore, Harford and Carroll Counties in Maryland.

Dr. Landa is a native of central Washington. He received his Master of Science Degree at Penn State. At that time he worked under the advisorship of Dr. John Almquist with study concentration in the area of bovine reproductive physiology. His Doctor of Veterinary Medicine was attained at Washington State University. Dr. Landa has worked in large dairy operations and he has a special interest in herd health of farm animals. His practice will also include horses.

Dr. Hurtgen is a native of Wisconsin where his family operates a purebred Holstein dairy farm. He received his education at the University of Minnesota and has attained MS, DVM and PhD degrees from that school. Dr. Hurtgen was a faculty member in the Section of Reproduction at the University of Pennsylvania's New Bolton Center. He has an extensive background in reproductive management of cattle, swine and horses and has conducted studies and authored over 100 articles on reproductive problems in farm animals.

Dr. Hurtgen has lectured at professional and scientific conferences both in the U.S. and abroad.

Carnation honors 3 for sales

YORK — Carnation Company has announced the appointment of Larry Belluscio, Paul Stanislau, and Ken Bragg to the Summit Club for sales performance.

The Summit Club is the highest sales award given each year for sales excellance by The Milling Division Carnation. Nationwide in 1983, there were 11 awards and York Mill representing the northeast received three.

Larry Belluscio, who resides with his wife Patty and two children at Barneget, New Jersey, received the Summit award for the second consecutive year. Larry is Territory Sales Manager for New Jersey, Delaware, and the Eastern shore area. He has been in sales with Carnation for five years.

Paul Stanislau resides with his wife, Julie, and infant daughter in East Hampton, Mass. Paul is Territory Sales Manager for the New England States and has been in sales with Carnation for two years.

Ken Bragg resides in Dallastown and is responsible for Sales Management out of the York Branch. This is his second consecutive year being appointed to the Summit Club. Ken has 21 years of sales with Carnation Company having served in many sales capacities previously.

The Summit Club met on Monday, at Carnation World Headquarters in Los Angeles, California to advise Executive Management in matters of sales. The group and their wives will be guests of Carnation to a trip to Victoria, Canada. Each year Carnation Company councils with the Summit Club members to guide sales programs and promotions for the future.

Brandt gets farm realty award

READING — Rich Brandt of Rich Brandt Farm Real Estate has received from the Farm and Land Institute of the National Association of Realtors the National Marketing Transaction Award for being the Outstanding Transaction of 1982.

Brandt was presented the award in Washington, D.C. at the Farm and Land Awards Banquet by the 1982 President, A. Tom Lund, Sr., ASLM.

The award was given for the following merits: excellence, worthiness, creativity, structure and unusual financing.

This transaction consisted of a 526-contiguous-acre tract of land owned by a corporation. The parcel was uniquely divided among seven area farmers. Some farmers added to their present farms while some formed new individual farms. The fairness of the evaluation and the separating of the lands and farms played a very important roll in the merits of receiving this award.

During the Farm and Land Convention, Rich Brandt and his associate, Tressie Caton, had the opportunity to attend a session with the Under Secretary of the Farm Home Administration, Frank W. Naylor, Jr. This session was followed up by special committee meetings which Tressie Caton participated in the Agriculture Legislative Committee meeting and Rich Brandt participated in the Mortgage and Finance Committee meeting with the Acting Deputy Director of Farm Real Estate, Russell Beckham.

Brandt had the opportunity to discuss directly with Naylor and Beckham the overall legislated regulations that FmHA must contend with and the affect it has on County officers and farmers.

Speakers in attendance were the Under Secretary of HUD, Donald I. Hovde, the Honorable William Thomas, of the House Ways and Means Committee, and the Honorable Norman Shumway of Banking and Finance Committee. The highlight of the session was by John R. Block, the Secretary of Agriculture speaking on farming today.

Farm and Land Institute under the auspices of NAR r directly to lands, farms, ra or anything pertainin agriculture. It further expar land development in all fields.

As far as the agricultural e there has been a special comm planned for an Advisory Cou meet with FmHA on a re basis to help and direct th ministrators how best they serve the farmer in the count need of their services. Forem the eyes of the Administra they want to be as affectiv possible to the farmer regar of the legislative regulations must operate under.

Rich Brandt, right, farm realtor from Reading, receive National Marketing Transaction Award from A. Tom Lund Sr 1982 President of the Farm and Land Institute.

Zimmers Feed Mill sold

BOYERTOWN — Zimmers Feed Mill, Inc., Boyertown, has been sold and is now operating under new management.

Zimmers Feed Mill has been a landmark in Boyertown for many years. It was begun in 1939 as Shoemaker's Feed Mill by Robert Shoemaker and moved to its present location at 111 (rear) South Washington Street at Third Street in 1941. Shoemaker sold the business to his daughter and son-in-law, Mildred and Henry Zimmers, in 1954, and they continued to operate the business until the sale this month. Mr. Zimmers will be continuing with the business in an advisory capacity.

Jean Botts and Bill Folk will be operating the business for the n owners and continuing to use name "Zimmer's Feed Mill, In No immediate changes in operation of the feed business a planned. Zimmers Feed M continues to carry a complete li of pet and livestock feed a supplies. It is the Purina deale ship for the Boyertown area a also carried Wayne, Dad's, a other brands. Zimmers Feed M also produce its own line of quali specialty animal feeds and especially renowned for its custo formulation of pigeon feeds. A fu line of seeds, fertilizers, and law garden, and farm products is als carried.

UMCO, Inc., the new owner, als owns and operates Krings Sto Shop in Gilbertsville, retailing a major types of stoves, fireplac inserts, furnaces, boilers an accessories; Union Manufacturi Company, Inc., in Boyertow manufacturing coal and woo burning cast iron stoves; an Energy Dealers Warehouses, Boyertown and Stroudsburg wholesaling and distributing soli fuel residential heating equipmen and supplies.

Former and new owners of Zimmers Feed Mill, Boyertown, include Mildred and Henry Zimmers, Seated; and Jean Botts and Bill Folk, standing.

Sales conference

CARNATION, Wa. — Carnation Research Farm, Carnation, Washington was the site for a June 21-22 Sales Conference for all sales and management personnel of Carnation Company's Milling Division.

Carnation Feed's nutrition and feed technical staff will present new research data obtained from on-going research being conducted at the research farm. New feeds and feeding programs were presented on poultry, game birds, veal calves, dairy herd replacement calves, swine, and pet foods.

Carnation Feeds are manufactured throughout the United States by Carnation Company, Milling Division, with the York, Pa. feed mill serving the northeast market area.

De Laval Honor Council

Mr. and Mrs. Charles Zimmerman and Mr. and Mrs. Ralph Stoltzfus of J.B. Zimmerman & Sons, Blue Ball, were recently honored as members of the De Laval Honor Council.

Carl F. Gerhardt, Senior Vice President, De Laval Agricultural Division of Alfa-Laval, Inc., Kansas City, Mo. and Lennart Berglind, President, Alfa-Laval Agri International AB, Tumba, Sweden, present the award.

The award was presented at the Grand Hotel, Stockholm, Sweden. The Zimmermans and Stoltzfus were in Sweden for a week to visit the Alfa-Laval Worldwide Headquarters and participate in business meetings, as well as sightseeing.

Membership in the Honor Council is earned by outstanding achievements in sales and performance as a De Laval dealer.

Dri-Flo fertilizer unit cited

GOODFIELD, Il. — DMI, INC., recently announced the introduction of a new dry fertilizer attachment called the Dri-Flo. This unit will adapt to most chisel plows and is designed to deep place granular nutrients while chisel plowing.

According to the manufacturer, fertilizer is gravity fed to a metering auger that is ground-driven for accuracy and ease of operation. Fertilizer is metered to large tubes connected to special points attached to chisel shanks. This allows fertilizer to be "knifed down" to the 6- to 9-inch root zone depth-away from erosion and weeds, but in the moisture zone and available to plants. Dual placement of liquid or gas nutrients along with dry nutrients is possible with the Dri-Flo.

The manufacturer also states that the DMI Dri-Flo fertilizer attachment will reduce weeds, produce healthier plants, increase yields, and produce drier and higher quality grain. Additionally, the unit will reduce the cost per bushel by reducing input costs through combining operations, and increasing fertilizer utilization by as much as 20%.

The DMI Dri-Flo fertilizer attachment comes complete with hopper, screen, lid, mounting assembly, tubing, metering and drive assembly, and transport wheels and assemblies. Metering system engages as unit is lowered and disengages as unit is raised.

Application rates vary from a low of 150 lb/acre to a high of 1000 lb/acre - based on 60 lb./cu. ft. material. Settings are made by changing sprocket. Swath widths vary from a 7 shank up to a 13 shank chisel plow with shanks on 30" centers.

New Dri-Flo fertilizer attachment fits most chisel plows.

Cereal crops day on July 5

ROCK SPRINGS — The Center for Cereal Research at Penn State will hold its 1983 Cereal Crops Day on Tuesday, July 5, from 10 a.m. to 4 p.m. at the Agronomy Farm, Rock Springs Research Center (on Route 45, West of Pine Grove Mills).

Research topics will include:

- National and State Variety Evaluation.
- Various aspects of Spring Oat and Spring Barley Management.
- Winter Wheat, Winter Barley, and Spring Oat Breeding.
- Effect of Seed Treatments and Foliar Fungicides on Diseases of Winter Wheat.
- Effect of Planting Date and Fungicides on Diseases and Yield in Winter Wheat and Winter Barley.
- Disease Report - Discussion of disease problems in 1983.
- No-Till Research with Spring Oats.
- Effect of Growth Regulators on Plant Height and Lodging in Winter Wheat.

Researchers from the Center for Cereals Research will be present to discuss these topics. Lunch from noon to 1 p.m. will be available at cost.

Tick dip

WASHINGTON, D.C. — A U.S. Department of Agriculture official has proposed permitting the organophosphate insectcide sold under the trade name "ciodrin" to be used in dips for eliminating ticks from cattle.

John K. Atwell, deputy administrator of USDA's Animal and Plant Health Inspection Service, said the insecticide would be used to treat cattle before interstate shipments. Ciodrin would be approved for use in accordance with label instructions approved by the Environmental Protection Agency at concentrations of 0.44 to 0.54 percent.

All USDA permitted dips are registered by the Environmental Protection Agency under the Federal Insecticide, Fungicide and Rodenticide Act. USDA veterinarians and field personnel have also conducted trials to determine that the required concentrations could be maintained and that ciodrin would be effective in killing ticks.

Other dips permitted by USDA to treat livestock for ticks include prolate, at a concentration of at least 0.15 percent, and co-ral, 25 percent wettable powder, or co-ral flowable at concentrations of 0.125 to 0.250 percent.

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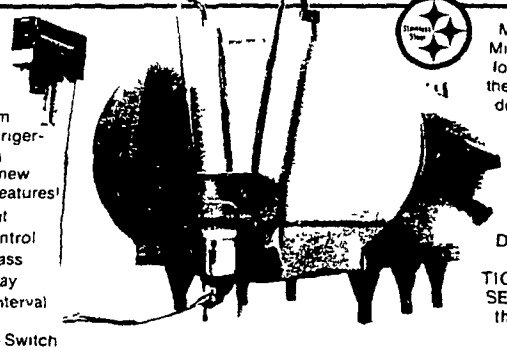

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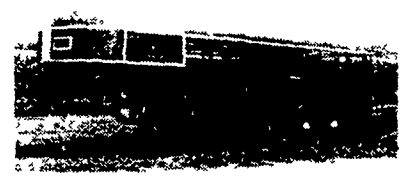

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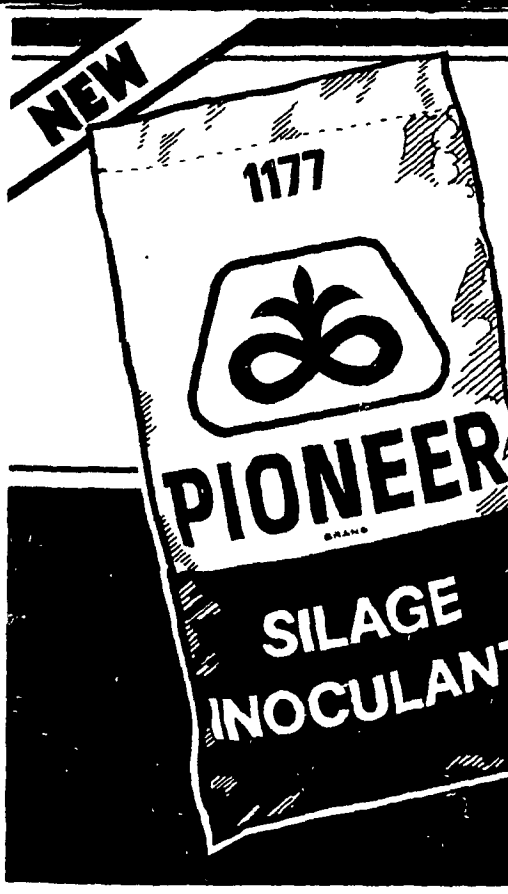

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ABS picks 4 Pa. bulls

DE FOREST, Wisc. — Four young Holstein bulls from Pennsylvania have been selected by American Breeders Service to enter their Progeny Testing Program.

The bulls which have been moved to facilities at DeForest, Wisc. include:

— Klindell Jason Rookie-ET, bred by Leon Kline, Newmanstown.

— Mowry-K Valiant Correct, bred by Ken Mowry, Roaring Spring.

— Star Bright-Vu Midnight-ET, bred by Walebe Farms, Collegeville.

— Pen-Col Brilliant, bred by Pen-Col Farms, of Millville.

Klinedell Jason Rookie-ET is the result of a specially planned mating between Twin-Lawn Elevation Jason, +$242, +2,026M and +61BF and Klinedell Rocket Apolloess. His dam has production records to 25,940 lbs. of milk, with a Cow Index of +1,469M. She is classified VG-86 and is sired by Whittier-Farms Apollo Rocket.

Mowry-K Valiant Correct is the result of a specially planned mating between S-W-D Valiant, +$279, +2,235M and +74BF and Mowry-K Chief Coralee-ET. His dam has production records to 40,610 lbs. of milk, with a Cow Index of +3,462M. She is classified VG-86 and is sired by Milu Betty Ivanhoe Chief.

Star-Bright-Vu Midnight-ET is the result of a specially planned mating between Straight-Pine Elevation Pete, +$217, +1,927M and +50BF and Great-View Mindi Star. His dam has production records to 33,578 lbs. of milk, with a Cow Index of +1,379M. She is classified EX-96 and is sired by Penstate Ivanhoe Star.

Pen-Col Brilliant is the result of a specially planned mating between Twin-Lawn Elevation Jason, +$242, +2,026M and +61BF and Old-Quarry Jet Stream Bonny. His dam has production records to 28,527 lbs. of milk, with a Cow Index of +1,861M. She is classified VG-86 and is sired by Arlinda Jet Stream-Twin.

Brubaker speaks on ag policy

EPHRATA — Penn Ag's Executive Vice-Preisdent, David R. Brubaker, spoke at the 31st Annual Meeting of the American Association of Feed Microscopists (AAFM) in Harrisburg. While not trying to downplay the important prevalence of Pennsylvania's industrialism, Brubaker offered impressive statistics about Pennsylvania's bountiful agricultural production.

Tantamount to this, he expressed concern that "farm policies at the state and national level need to recognize the unique needs of the small farmer." An improved educational program emphasizing modern management techniques was suggested as a workable solution.

Many political, social, domestic and international happenings, whether individually or in combination, affect agri-business either to its betterment or its detriment, he said. Insofar as the agricultural industry is hurt by these events, so also will its food production ability be curtailed or stifled, he continued.

In a world where food shortages and starvation are rampant in certain Third World countries, agricultural efforts must be expedited and nurtured, not taxed and challenged beyond endurance, Brubaker said. A case in point is that while malnourishment exists, millions of acres of fertile farmland are subsidized for lying idle. So, the problem is definitely not one of production, as the U.S. has a massive agricultural potential. Rather, the problem, according to Brubaker, is that "in countries where the need is the greatest, the financial means is not there to pay for the food." Compounding that lacking are transportation, political and social obstacles that greatly hinder the transferral of the food to the needy. "The market for agricultural products exists; the question is finding the resources and the resourcefulness to exploit it."

Additionally, Brubaker offered that not only is American ag produce abundant but also "safe, healthful and inexpensive." Because U.S. agri-industry uses efficient modern equipment and technology, the food produced is relatively cheap and plentiful. Because the industry is regulated and must meet certain Federal standards, ag products are safe and healthful. Brubaker feels that these facts should not be lost to sight in view of any circumstances owing to human error or fallacy which are not the norm in the industry.

As a parting thought, he expressed that while PennAg Industries Association offers a valuable array of benefits to its members, to analyze and solve problems that arise, PennAg needs to induce involvement and a close working relationship between itself and those who make the policies that govern the agribusiness industry.

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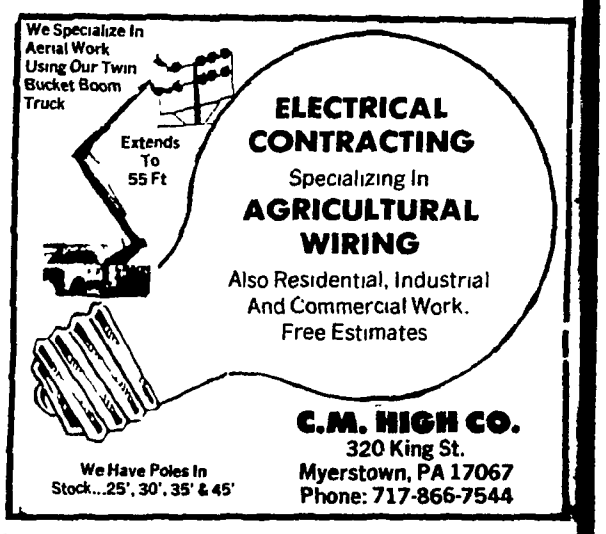
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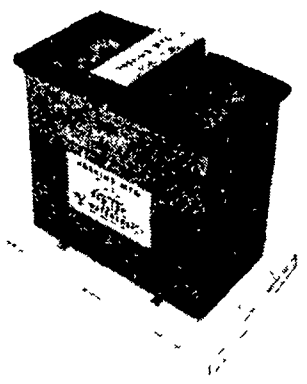
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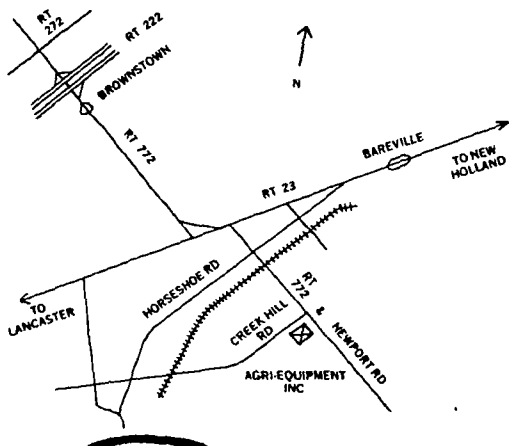

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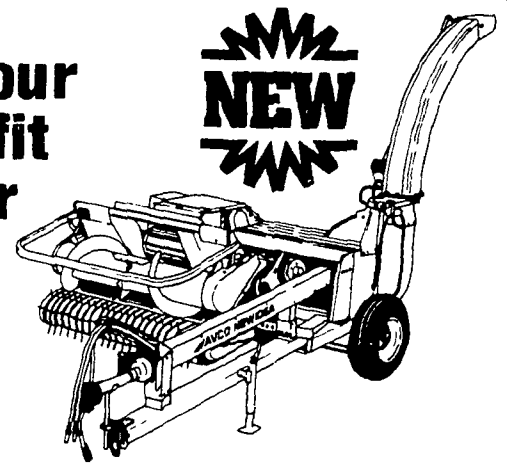
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Employees become involved at Ford Tractor

ROMEO, Mich. — A better work environment, higher quality production, increased productivity and improved job satisfaction are major accomplishments of Ford Tractor Operation's Employee Involvement (EI) program, according to Mervyn H. Manning, Ford vice president and general manager of Ford Tractor Operations.

"We are sold on the EI concept," Manning said. "We know it produces results and we are expanding its application wherever practical throughout our facilities.

"The EI groups at our Romeo Tractor and Equipment Plant, Romeo, Mich., have created a marked change in attitude and job satisfaction among the workers," Manning added. "The absenteeism rate was reduced by 20 percent between 1980 and 1982, quality ratings improved by 51 percent during the last four years and the plant's safety record improved by 52 percent for the number of instances and 85 percent for severity,"

Ford Tractor's EI program began in March, 1980, with the creation of a pilot program at the Romeo plant. There now are programs at all other major Ford Tractor U.S. facilities and at manufacturing plants in Basildon, England; Antwerp, Belgium and Charleville, France.

The Romeo plant's EI program consists of five problem-solving work groups, three intermediate steering committees, an EI steering committee and two full-time EI facilitators. Each problem-solving work group includes from 10 to 12 salaried and hourly employees from the same department or related-work area. Approximately 25 percent of the Romeo work force is involved with EI.

Each problem-solving group meets on a regular basis to identify, review and recommend solutions to problems concerning their work and work environment. Participation by employees is voluntary.

The EI steering committee includes management, union representatives and employees who set policy and provide long term objectives.

"The results of EI at the Romeo plant have been much more positive than anticipated," Manning said. "It is obvious that, when asked, employees will respond by directing their ingenuity, imagination and creativity to make a better product and improve the quality of their work life.

"Communications and relationships between employees are improved, with more mutual respect and a recognition that changes can be implemented for everyone's betterment. And it not only includes employees active in EI, but other employees as well."

A recent EI survey among seven Ford Motor Company plants, including Romeo, provided the following results:

•Job Satisfaction - 82 percent of EI participants are satisfied with their jobs, versus 58 percent previously.

•Problem Solving - 83 percent say they have the opportunity to help solve problems, versus 33 percent previously.

•Teamwork - 74 percent indicate their section worked as a team, versus 44 percent previously.

•Communications - 69 percent feel management keeps them informed, versus 38 percent previously.

•Worker Ideas and Opinions - 66 percent believe sufficient effort is made to get their ideas and opinions, versus 26 percent previously.

•Job Accomplishment - 82 percent believe they accomplish something worthwhile, versus 27 percent previously.

"An EI program also has been launched during 1982 at Ford Tractor's Product Development center in Troy, Mich.," Manning said. "Early results have been equally positive, although the problems tackled and the work environment are completely different.

"EI groups at the center consist of management, engineers, technicians and other employees. They have implemented several changes to reduce costs and improve organizational performance. However, the most significant changes have been improved day-to-day working relationships.

"Wherever implemented at Ford Tractor Operations, EI has developed more trust among employees and management," Manning added. "Everyone involved realizes they have common problems and common goals, and can work together to become more responsive to their common interests."

Employment Involvement programs are at work on Ford Tractor production and assembly lines, such as this operation for the TW-25 tractor.

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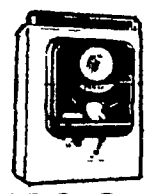

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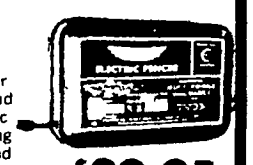

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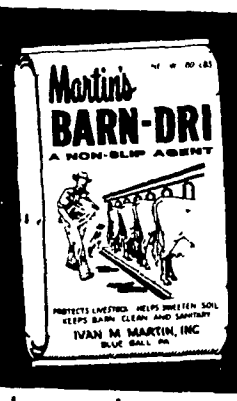

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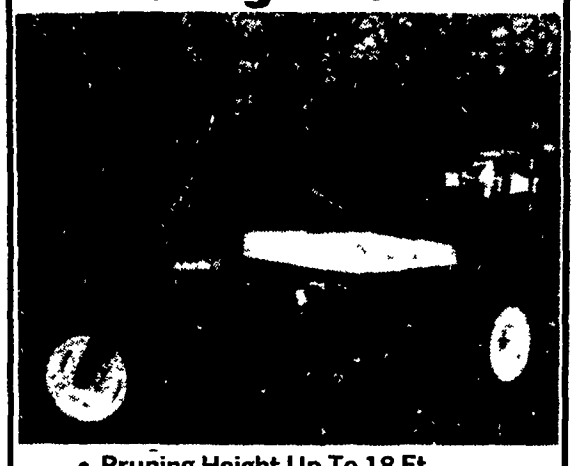

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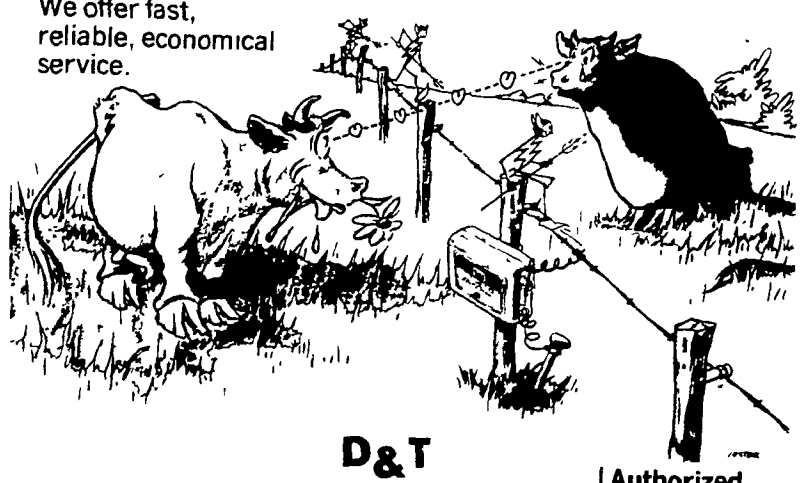

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Farm Credit reviews financial situation

WASHINGTON, D.C. — The financial stress of the past four years continues to exact a small but increasing toll on borrowers from the Farm Credit System, according to first quarter statistics compiled by the Farm Credit Administration.

"The banks and associations of the private borrower-owned System are working effectively with their members," said FCA Governor Donald E. Wilkinson. "They are continuing to stay with those who have reasonable propects for success, while necessarily protecting the financial health of the System itself. We're seeing more refinancing, more delinquencies, and less volume," he said, "but also more liquidations and bankruptcies."

Based on patterns over the two years for which data have been collected, Wilkinson said he expected to see seasonal improvements during the second, third, and fourth quarters. But he cautioned that he did not think the financial problems of farmers had run their course and said it is possible that from a credit standpoint things could get worse before they get better.

Loans outstanding from all components of the Farm Credit System stood at $80.8 billion at the end of March, up only 1.4 percent from a year earlier. Loans outstanding from Production Credit Associations — the System's short- and intermediate-term lenders — decreased at an annual rate of 5.8 percent for the quarter, compared to an annual decrease at 5.2 percent for the first quarter of 1982. Federal Land Bank loans, which are secured by real estate, grew at only a 1.6 percent rate, compared to 13.6 percent in the first quarter of 1982. Loans outstanding from the Banks of Cooperatives increased at an annual rate of 51.3 percent, nearly twice the rate of the first quarter of 1982, but the amount outstanding at the end of March was still less than a year earlier.

The number of borrowers served also showed a mixed pattern. The number of Federal Land Bank loans outstanding rose 1.9 percent to 666,695, but Production Credit Association numbers dropped 5.2 percent to 358,623. Officials said this situation reflects weak loan demand due to a combination of the PIK program, declining creditworthiness of some borrowers, low farm income, and increased competition in agricultural lending.

Refinancing of non-real estate debt was up moderately among Production Credit Associations and held steady among the Federal Land Banks. During March, 43.9 percent of all PCA lending was for refinancing, compared to 41.5 percent in March 1982. Federal Land Bank refinancing of non-real estate debt rose from 15 percent in March 1982 to 16 percent in March 1983. Refinancing of their own real estate loans remained at 20 percent for March 1982 and 1983.

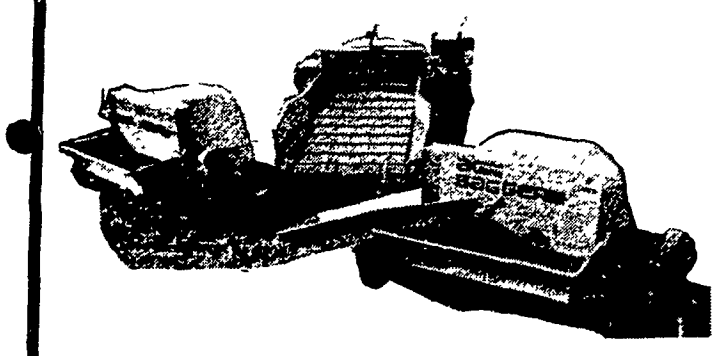
Of the 666,695 Federal Land Bank loans outstanding, 26,668 were delinquent on March 31, 1983. That is 4.0 percent and compares to a 3.2 percent delinquency rate a year earlier. By contrast, the Mortgage Bankers Association reported a delinquency rate of 5.84 percent for home mortgages at the end of March. Production Credit Associations, with 358,623 members with loans outstanding, reported 22,593 of them delinquent on March 31, 1983. That 6.3 percent rate compares with 4.0 percent delinquent a year earlier.

The Federal Land Banks were in the process of liquidating 2,152 loans on March 31, 1983, up from 1,024 a year earlier. PCA liquidations rose from 2,640 on March 31, 1982, to 4,429 at the end of March 1983. Loans in the process of liquidation do not accrue interest, and all of the principal is not expected to be repaid.

Bankruptcies reported by the Federal Land Banks for the first quarter of 1982 totaled 602, compared to 397 for the same period last year. PCAs reported 622 bankruptcies for the first quarter of 1982, up from 407 in 1982. These are borrowers for whom the lender has received a formal notification that a bankruptcy petition has been accepted by an appropriate court.

The Federal Land Banks foreclosed on 347 borrowers during the first quarter of 1983, while Production Credit Associations reported 169 foreclosures. These are loans on which foreclosure action has been carried to auction by court order. No comparable figures are available for the first quarter of 1982.

One bright spot among the data collected was in repayment rates. For the Federal Land Banks and Banks for Cooperatives, repayments not only improved from the first quarter of 1982, but were above the 1978-1980 average.



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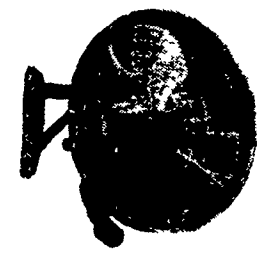

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Fun and contests at Berks Dairy Night

BY ROBIN PHILLIPS
Staff Correspondent

LEESPORT — The second annual Dairy Night in Berks County was held last week at the Walt Pearson Field, Leesport.

Sponsored jointly by the Berks County Farmers Association and the Bank of Pennsylvania, the festivities were held between games of the Bank of Pennsylvania Sunners and the Berks County All-Stars, two leading fast-pitch softball teams in Berks County.

Softball fans and farmers were entertained by celebrities from the local media competing in several dairy contests.

Proving that milk goes down fast and asking for more was Cliff Eshbach, representing WLYH-TV 15, who bested Charles Adams, representing WEEU, Steve Haag, from WHUM, and two youth volunteers from the audience, anxious for the drink. Although there was a preference for chocolate milk, the participants demanded a "practice pint" as they all lined up at the table in the infield for this milk chugging contest.

Volunteers were plentiful when it came time for the ice cream eating contest. In addition to contestants, John Kunkleman, Editor of the Reading Eagle, and Wilmer Borneman, representing WBYO, 4 youths were chosen from the fans to complete the contest. Although he was "out eaten" by one of the local youths, Kunkleman received the "neatness award" for not spilling a drop as the contest was run in hot, humid temperatures.

In spite of the heat, two local calves showed up for the event in all their finery. "Miracle", a Brown Swiss heifer belonging to Tammy Balthaser, R1, Bernville, daughter of Wilson and Laverne Balthaser, took first place for her teenage owner. Jason, Tammy's brother, with his Holstein entry "Bobby Joe" received second place. Stating that she "thinks about this contest all year" and receives help from her mother with the costumes, Tammy said that "Miracle" will also make an appearance at the local fairs in the fall. Judges for th. / event were Reading's Mayor, Karen Miller, Eastern Financial Times Editor, Frank Trexler, and the Publisher of the Hamburg Item, Avery Pearson.

The most popular item at the softball game appeared to be the ice cream stand of the Berks County Farmers Association which was continually lined up with fans in need of a refresher. Connie Ohlinger, Berks Dairy Princess, was also on hand selling tickets for promotional drawings and selling various promotional items.

Connie Ohlinger, Berks Dairy Princess, and alternate, Debbie Price, were busy at Berks Dairy Night selling promotional items and giving away prize tickets.

Busiest spot at Berks Dairy Night was the ice cream stand, which had a constant long line of customers.

PFA'ers attend conference

CAMP HILL — Representatives of the Pennsyvlania Farmers' Association (PFA) — a recognized national leader in the farm records business — are played key roles in Farm Records-Management National Conference, Monday and Tuesday in Chicago.

The conference was sponsored by American Farm Bureau Federation, the nation's largest general farm organization, to give state farm bureaus the opportunity to learn about successful farm records programs.

Richard Denison, manager of PFA's Farm Management Services, and farm records service managers from Tennessee and Iowa farm bureaus, outlined their programs during a panel discussion and question-and-answer session at the conference.

Farm Management Service's Farm Management and Business Analysis Service (FMBAService) is the largest single preparer of farm tax returns in the nation. It also offers clients other financial, accounting, and management services. The FMBAService staff of 44 includes 27 qualified IRS enrolled agents, a Certified Public Accountant, a registered public accountant, two farm managers and a professional farm consultant. FMBAService has been in business 26 years serving PFA members. The staff currently serves nearly 4,300 farm accounts, including that of PFA president Keith Eckel, a dairyman and vegetable grower from Lackawanna County.

Eckel, also attended the nationwide conference as a guest speaker. He discussed what a sound farm records program means to PFA and to his family's farm operation.

Eckel said the "secret ingredients" for a successful program are, "good sound farm records and personal visits by a professional staff member to work with the farmer." Flexibility to meet each individual farm operation's needs with a variety of FMBA Service programs is another key ingredient for success Eckel says.

In addition to helping clients, Eckel notes that FMBAService provides invaluable assistance to the overall PFA membership in meeting policy development goals by providing useful information to support legislative and public relations campaigns.

Pa. Red & White Breeders to organize at Open House

CRYSTAL SPRING — A new breed organization will soon organize in Pennsylvania. The Red and White Dairy Cattle Association will hold a summer Open House and Field Day on Saturday, July 16 at Matt-Will Farm, owned by Bill and Ginny Davis of Troy, Pennsylvania. Included in the field day will be an organizational meeting of the Pennsylvania RWDCA with election of officers and discussion of upcoming events.

The open house will begin at 11 a.m. Breeders outside of Pennsylvania area also being encouraged by the Davis' to attend. Guest speakers and a judging contest will be included in the day's activities.

National headquarters for the RWDCA are in Crystal Spring, Pennsylvania, so it seems fitting that Pennsylvania Red and White breeders form a state association. John and Joan Carpenter run the national office out of their Crystal Spring home. Joan is secretary-treasurer of the national association, her husband John has been editor of the breed's newspaper, The Red Bloodlines, since 1975.

Interest in Red and White cattle has been growing at an increasing rate in recent years, according the Carpenters. The first International Spring Red and White Show was held April 8 this year at the Farm Show Complex in Harrisburg. Held in connection with the show was the 5th International Red and White Spring Sale.

The American Red and White Dairy Cattle Society was incorporated as a non-profit organization in 1964, but the name was changed to Red and White Dairy Cattle Association in 1966. Carpenter reports that most of the original founders of the RWDCA were breeders of Milking Shorthorn cattle, who viewed the 'Red Holstein' as a genetic tool to infuse needed new blood into the Milking Shorthorn breed.

"For a time, crossbred Red Holstein-Milking Shorthorn cattle were entered in an appendix registry of the Milking Shorthorn Society," reported Carpenter. "Disagreement with traditional Milking Shorthorn breeders over this infusion of new blood and a growing awareness of the possibilities of pure Red Holsteins led to the foundation of the RWDCA. Office work continued to be done, for a short time, by the American Milking · Sorthorn Society."

Since its formation in 1966 the RWDCA has progressed slowly, until recent years. The Association now operates with a board composed of nine elected members. Current officers are Jerry Good, Caledonia, Michigan, president; Charles Ford, Asheville, N.C., vice-president; and Joan Carpenter, Crystal Spring, Pa., secretary-treasurer.

There are now over 1200 members of the RWDCA and almost 40,00 registrations in the herdbook. Annual growth rate in recent years is about 15 percent.

Since its inception, the RWDCA has operated with an open herdbook. According to Carpenter, this registration program accepts any dairy animal regardless of breed, age, or color. A grade-up program requiring, two crosses to a purebred sire for grade Holsteins, or three crosses to a purebred sire for colored breeds, allows breeders to "grade-up" to purebred Red and White status. However, a breeder is not required to to follow this grade-up plan in order to record cattle in the herdbook. Currently, about 50 percent of all registrations are Black and Whites and ten percent are animals of mixed breeding, usually Ayrshire, Guernsey, or Milking Shorthorn. Breed bloodlines are always recorded and listed on the certificate of registry.

A special designation for animals of registered Holstein-Friesian ancestry appears both in the records and on the ceritificate of registry. Many breeders with Holstein-Friesian Red and Whites also register their cattle in the RWDCA, which is specifically geared to promote Red and Whites.

Type classification has been offered as a service by the association since 1973. In March 1980, the RWDCA adopted the Uniform Type Traits Appraisal program, a linear type system.

The RWDCA also has an agreement with University of California at Davis for blood-typing services which are routinely available for RWDCA breeders, explained Carpenter. Different services include permanent blood-type record of identification, parentage verification tests, freemartin cases, embryo transfers and special herd studies.

Carpenter reports the RWDCA is now a sound, growing organization, the breed is more widely accepted and demand for the breed is growing.

More informatioin about the open house can be obtained by contacting Bill and Ginny Davis at 717-297-3250.

Follow-up to PIK needed

KANSAS CITY — The high cost and the deficiencies of the payment-in-kind program can be justified if it is used as an emergency plan while the Administration and Congress work toward a market-oriented agriculture, a grain company executive said. However, there is concern that PIK could delay such an adjustment, according to Ted Rice, Vice President-Commodity Research for Continental Grain Co., New York.

Analyzing the complexities of PIK before a seminar for executives in the breadstuffs industry, Rice noted that PIK's objective is to boost farm income by reducing stocks of grain, rice and cotton through acreage reduction. The cost of that program, excluding rice and cotton, has been estimated conservatively at $8 billion this year.

From a grain farmer's point of view, Rice said PIK is an unqualified short-term success. Grain prices are higher than they would likely have been without PIK. And 1983-84 farm income will rise, primarily by reducing out-of-pocket costs and increasing government payments, he explained.

PIK also helps alleviate the buildup in overall grain stocks and the excessive levels of stocks in the farmer-owned reserve, he added. Furthermore, the program reduces direct outlays of Treasury funds needed for an acreage reduction program.

On the other hand, Rice pointed out that PIK has turned a marginally profitable poultry industry into a loss situation. And fertilizer, petroleum and pesticide companies report substantially reduced sales this year.

The immediate impact on food prices is small, Rice continued. But he suggested that PIK will later cause prices to rise materially since the amount of meat and poultry products available will be smaller than had feed prices stayed at lower levels.

PIK can also send the wrong signals to farmers, Rice cautioned, because it renews a belief that producers can expect high grain prices in the future.

"Farmers will view the two-year bear market starting in the late fall of 1980 as an aberration rather than an adjustment to increased agricultural productivity worldwide and slow growth in world demand for grain imports", he said. "In addition, PIK will encourage more investments in land and machinery, which will increase the difficulty of adjusting to any subsequent decline in prices."

No-till demo in N.J.

WASHINGTON, N.J. — The Warren County Cooperative Extension Service and Soil Conservation District are sponsoring a no-till demonstration day at Pineyhill Farms, Rt. 31, just south of Washington, beginning at 10:30 a.m. today.

There will be plots to see, equipment to look over, and a few informative remarks by some of the "experts." Lunch will be provided

Corn pest survey set in Md.

ANNAPOLIS, Md. — As part of a six state agreement, corn fields in nine Maryland counties will be surveyed this growing season for a number of pests.

The state and regional corn pest survey is part of the National Plant Pest Survey and Detection Program (NPPSDP) which this year will survey corn pests in the six state area of Delaware, Maryland, Virginia, West Virginia, Pennsylvania and New Jersey.

Performing the survey will be teams from the Maryland Department of Agriculture's Plant Protection Section and the University of Maryland. Counties to be surveyed are Baltimore, Carroll, Caroline, Dorchester, Harford, Frederick, Queen Anne's, Talbot and Washington.

Pests to be surveyed for are European corn borer, gray leaf spot, the Johnsongrass/shattercane complex of weeds, and triazine-resistant broadleaf weeds.

All data collected will be coded and transmitted to the USDA computer facility in Colorado. One of the goals in the corn pest survey is standardization of survey data to improve performance and produce faster feedback information.

Workers in the survey will be in marked vehicles, wear distinctive vests and will identify themselves readily when asked. However, due to time pressures, it is not possible for the survey teams to give prior notification of individual farms to be surveyed.

Any farmer wishing to have his corn fields included in the survey this year who lives in one of the above counties is invited to contact Steve Malan of the Maryland Department of Agriculture by calling (301) 841-5920 or by writing him at MDA, Corn Pest Survey, Plant Protection Section, 50 Harry S. Truman Parkway, Annapolis, Maryland 21401.

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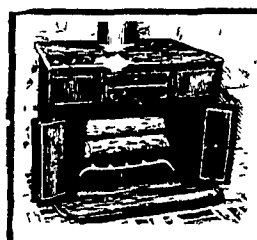

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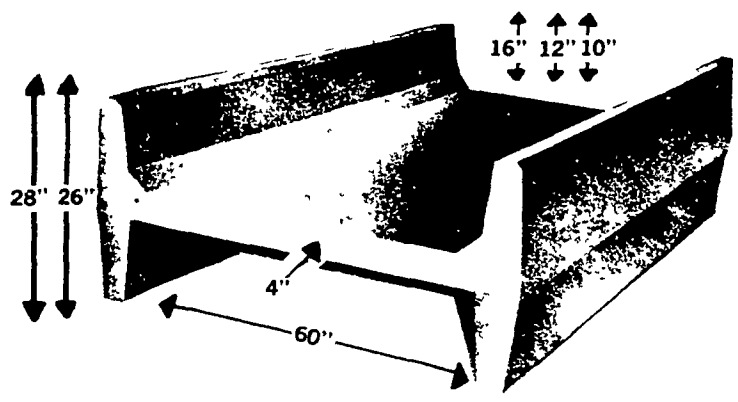

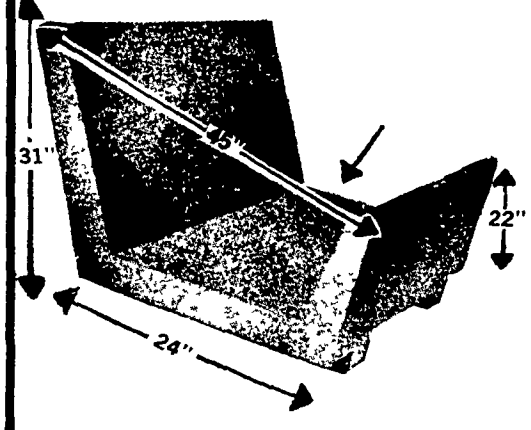

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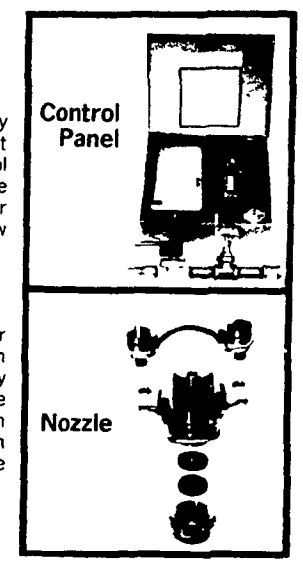
It's different with hogs High temperatures cause them a great deal of stress because they can't sweat When under this stress due to heat, hogs will lose their appetite, weight gains drop, there is poor feed conversion conception rate is reduced and pens become a mess All of this adds up to lost profits

THE SOLUTION:
When the temperature is above 72° F even ventilation can't cure the stress that results. But a sprinkler cooling system can help your hogs where nature fell short, giving them a chance to cool off It sprays them with coarse water droplets to reduce their body temperature The idea is simple but extremely effective

THE SYSTEM:
The sprinkle cycle is turned on automatically whenever the barn temperature rises above a preset level 72° F Throughout this "on" period the control functions to permit sprinkling to occur for a preset time period each hour (2 minutes/hour is recommended for best results) When the barn temperature drops below 72° F the cycle is automatically interrupted



The nozzles are clamped to a plastic pipe strung over the gutter of slatted area at the rear of the pen Each nozzel covers a 5 6 foot diameter area which usually means one nozzle per pen The nozzle assures a coarse droplet spray pattern which is important for maximum cooling A fine mist of fog is not desirable in geographical areas of generally high summer relative humidity

THE PROOF:

	Control Hogs not sprayed	Hogs Sprayed 1 min per hr above 85°F	Hogs Sprayed 1 min per hr above 70°F	Hogs Sprayed 1 min per hr above 70°F
Average daily gain per hog	1 37	1 62	1 62	1 72
Average daily feed consumption per hog	5 84	6 77	6 72	6 67
Lbs feed per lb grain per day	4 38	4 18	4 16	3 89
Lbs feed save/hog	0	22	22	49
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Research done at Ridgetown College of Agricultural Technology in Ontario and at the University of California have shown these results
These figures are calculated on hogs from 100 lbs up to 200 lbs

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669 acres preserved in Chester County

COVENTRYVILLE — The Pennsylvania Game Commission has announced the acquisition of 669 acres in Warwick Township, Chester County — land that will not be held in public trust for hunting, angling, hiking, and other forms of outdoor recreation.

The acquisition, from Bethlehem Mines Corporation, is adjacent State Game Lands 43 and contiguous to French Creek State Park and the Hopewell Village National Historical Site.

The property was conveyed to the Commission in a brief ceremony held in the headquarters of the French and Pickering Creeks Conservation Trust at Coventryville. That group, cooperating with American Farmland Trust of Washington, DC, was instrumental in negotiating the purchase.

Commenting during the ceremony, Commission Executive Director, Peter S. Duncan, praised officials of the two trusts for helping affect the acquisition noting, "Like wildlife and other natural wonders, land is an invaluable resource. Once depleted, scarred, or encroached — land is difficult and expensive to reclaim for wildlife.

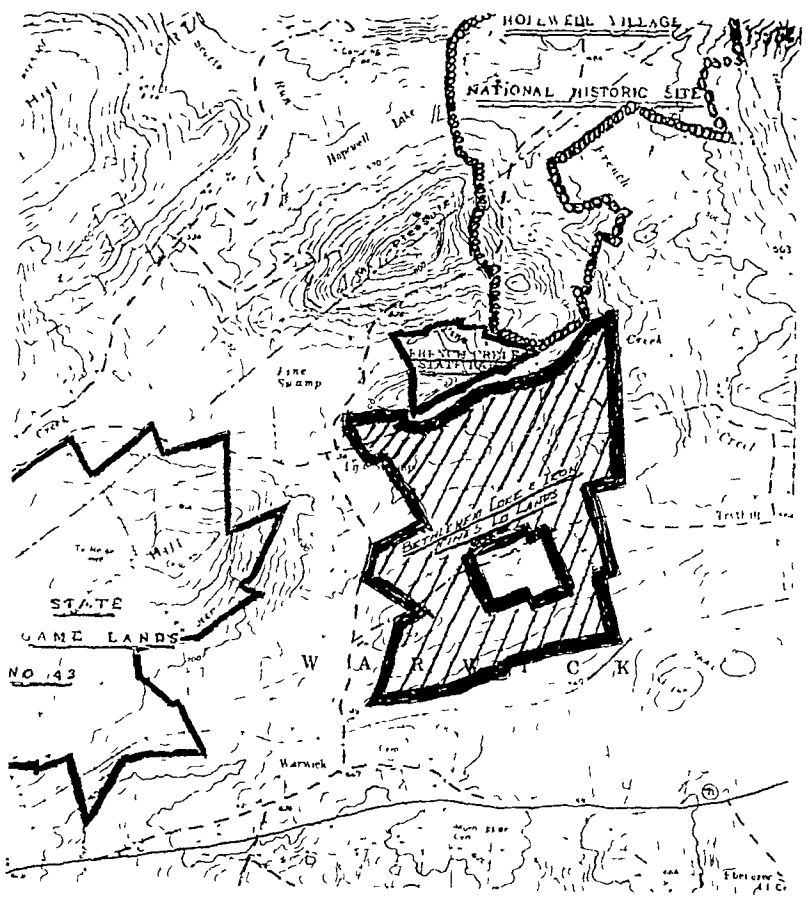
"As stewards of these newly acquired lands," said Duncan, "we guarantee they will never be asphalted or inappropriately developed, and the Game Commission shall do everything possible to see they remain unspoiled for those generations yet to come. This property, close to populated centers in Chester, Berks, and Montgomery counties will, in the future, provide numerous outdoor recreational opportunities for thousands of sportsmen and other urbanites in southeastern Pennsylvania. For that, we should all be thankful."

Mrs. Samuel Morris, speaking as President of the French and Pickering Creek Conservation Trust noted, "Ever since the Trust heard five years ago that Bethlehem Mines Corporation was considering selling its property in Warwick Township, we have been concerned about how to preserve these lands in open space. The transfer today to the Game Commission represents the achievement of our goal. This extraordinarily beautiful tract, which includes both woods and farm land, will now be maintained for agricultural use, wildlife and outdoor recreation for the citizens of the Commonwealth. We are very grateful to the American Farmland Trust, and to Douglas Wheeler for their help on this project."

Mrs. Morris concluded, "We are indebted to many who worked to culminate the acquisition and we're very appreciative for the cooperation of the participating parties and all others who assisted in making this transaction possible. Open land is, in fact, a resource for all the needs of our lives. A resource as precious as our natural land should not be treated as a commodity to be bought and sold for profit. There is a higher obligation to protect and preserve our land in its natural state if the means are available."

The new property, which now becomes an addition to State Game Lands 43, includes 260 acres of cultivated agricultural land, 220 acres of hardwoods in various stages of development, and 189 acres of wetlands, streams, brush, roads and easements.

Now that the deed has been conveyed officially to the Game Commission, agency personnel will begin marking boundries and planning improvements to benefit wildlife.



Heavy black-bordered area in center shows location of 669 acres of land preserved in Chester County.

N.J. wool pool continues

NEW BRUNSWICK, N.J. — The annual wool pool, conducted as a service to sheep owners by the N.J. Sheep & Wool Cooperative, is set for this weekend at the machinery garage, College Farm Rd., Cook College campus, New Brunswick.

Times are today and Sunday, 8 a.m. to 6 p.m.

The wood pool "requires" use of paper twine and "prefers" wool to be unbagged. However, the county trucker requests plastic bags be used.

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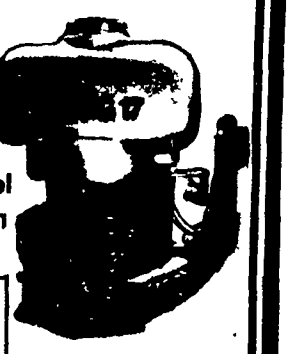

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Procedure outlined for Dauphin gypsy moth spraying requests

HARRISBURG — A recent interview with Duayne Forsberg, Resource Specialist with the Dauphin County Conservation District, outlined the procedure landowners should follow in Dauphin County to request "possible" gypsy moth spraying of their properties for 1984.

A complex cooperative spraying program involving three levels of government was explained by Forsberg. The Pennsylvania Department of Environmental Resources, Bureau of Forestry, administers and sets forth the spraying program. The majority of spraying funds are provided by the Commonwealth.

Locally, the Dauphin County Commissioners through the Dauphin County Conservation District, will coordinate the field work with municipal assistance. Municipal and county government also provide funds for spraying.

When Forsberg was asked how a landowner should request spraying for 1984, he stated, "it would depend on where the property was located in the county." According to the Dauphin County policy, landowners south of Peters Mountain should direct their request for spraying to their township or borough office. Forsberg said, "The Dauphin County Conservation District will not record requests received from landowners in the southern half of the county."

However, he did state that the conservation district will record spraying requests from landowners north of Peters Mountain, including Jefferson Township. "Municipalities in upper Dauphin County are simply without full time office staff that landowners can call. Our office will provide this service for upper Dauphin citizens." The Dauphin County Conservation District can be called at 652-7048 weekdays between 8:15 and 4:30 P.M.

Requests for spraying should be placed while the gypsy moth caterpillars are actively feeding from May to July. The county has set a deadline of July 9, 1983 for spraying requests to be recorded for the 1984 spraying program.

Forsberg said that July 9th to October 1st he will conduct field investigations of requested areas to determine if they are eligible for spraying. He stressed that, "submitting a request is not a guarantee for spraying." D.E.R. has developed a set of guidelines that must be met before any area is sprayed."

The major "requirements" were highlighted by Forsberg. "Only forested residential or special use areas can be sprayed. Undeveloped and uninhabited forest lands will not be sprayed by D.E.R. An area must be 25 acres or larger in size, contain 250 healthy egg masses per acre, have a crown cover of at least 50% and contain tree species that are susceptible to gypsy moth damage."

"Once field investigations are completed and if the requested areas qualify, I'll submit the county's proposed treatment areas to D.E. R. before October 1st. We should know by mid January 1984 which treatment areas D.E.R. has accepted or rejected."

Sire Power acquires bull

TUNKHANNOCK — A young Holstein bull bred by Theodore Schmelzle, Roaring Branch, has been chosen by Sire Power, Inc. to enter the GOLD Sire Development Program.

Schmelway Glendell Banner 1882745 is located at Sire Power headquarters where he will undergo an intense preventative herd health program before he joins 60 other bulls being sampled this year.

Schmelway Glendell Banner 1882745 is sired by Glendell Arlinda Chief a genetically superior bull with +2007M -.07% +61F, +241, 99%R pty.

His dam is Schmelway Elevation Bonita, VG (87). She was specially selected because of her outstanding type and production with a top record at 5-5 365d of 30,247m 3.5% 1072f, a cow index of +1693m +.05% +59f +$197. She is sired by Round Oak Rag Apple Elevation.

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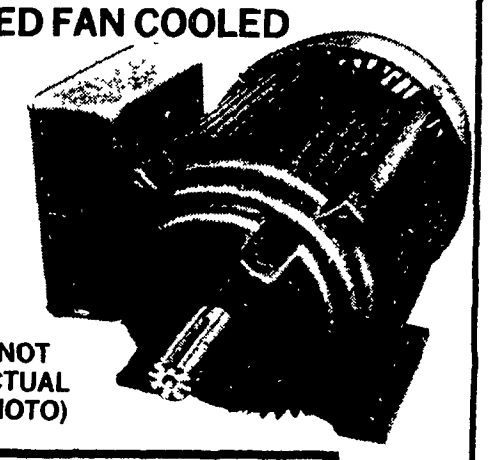
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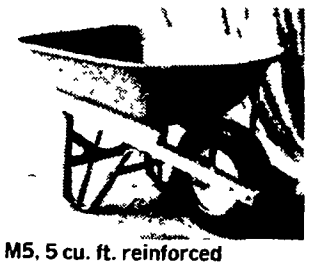
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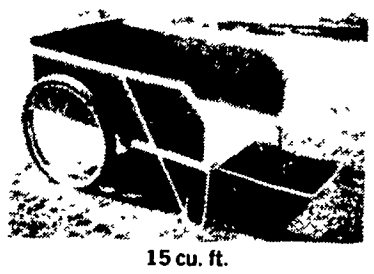
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Membership contest continues among N.Y. cattlemen

SYRACUSE, N.Y. — While at mid-point in 1983 programs, the Council of the New York Beef Cattlemen's Association at its June meeting scheduled the 1984 annual session Feb. 4 at the Sheraton Inn, Syracuse. The convention will also include a Trade Show and the Cattlemen's Auxiliary, the New York CowBelles, will hold their annual session at the same time.

The Council which is the executive body of the state-wide beef organization received the by-laws revisions from committee chairman Kenneth Swan of Whitney Point. These revised by-laws will be voted on by the Council at its September or December meeting and if approved presented to the general membership Feb. 4.

New York Beef Cattlemen's Association president William Cisco, of Lindley, reminded Council members, Division officers, and County Directors that the membership contest continues through the fall. To date the Southwestern Division is leading the drive to enroll new members. One dollar of each $15 annual membership is returned to the respective Division and the Division winning the membership contest will receive an additional $250. (A minimum of fifty 1983 members is needed to qualify for the prize.) The possibility of associate or corporate memberships was discussed and will be considered by the membership committee.

Chester Poplaski, of Newark, reported on the Region I National Cattlemen's Association meeting in Washington he attended as the New York delegate. He said state cattlemen's groups and individual cattlemen were called upon to become more involved on the political level and were urged to work with other farm groups on mutual concerns. He said there is a need for input from non-Association members to determine industry needs and how to encourage membership. Poplaski was named to represent the New York Beef Cattlemen's Association at the National Cattlemen's Association meeting Aug. 8-10 at Denver.

Peter Nixon of Westfield, chairman of the producer services committee reported on the Market Exchange which was initiated in June, 1982 by the Association to bridge the communication gap between seller and potential buyer. He noted about 50 per cent of buyer inquiries are for cow/calf combinations and bulls and the remainder for feeder calves or finished cattle. Information about the Market Exchange may be obtained from Exchage coordinator Helen Patton of Bainbridge.

Peter Darby, of Earlville, chairman of the performance testing committee, reported beef producers in the near future will recieve a letter explaining the new performance testing program and enrollment procedures from Department of Ag & Markets livestock grading specialist Peter Comerford.

William Greene, livestock extension associate at Cornell University, gave a brief report on the record breaking May 6 New York Bull Test Sale. He said the New York Bull Test program has gained nationwide recognition because of its stringent rules of eligibility and certification to qualify for the sale. He said more than 100 performance tested bulls purchased at earlier Bull Test Sales are in New York State herds.

It was decided to invite breed association presidents or their representatives to the September Council meeting. Executive secretary Robert Good, of Perry, and Jean Shwartz, of Earlville, represented the New York Beef Cattlemen's Association at the June meeting of the State Council of Agricultural Organizations at Albany.

Wheat meeting Wednesday

WILKES-BARRE — A field meeting at the Penn State Extension wheat research plot will be held at 7 p.m. on Wednesday. The plot is located one mile west of route 93 near Sybertsville in Conyngham Valley.

The 198 replicated plots of wheat are seeded in a field provided by Foster Hilliard, Jr. The plots are under the supervision of Elwood Hatley, Penn State Extension Agronomist.

According to County agent E. V. Chadwick, the plots have been developed to assess wheat varieties, disease resistance, weed control, fertilizer levels, and fungicide control measures.

This field meeting is an education program of the Luzerne County Cooperative Extension Association and is open to the public.

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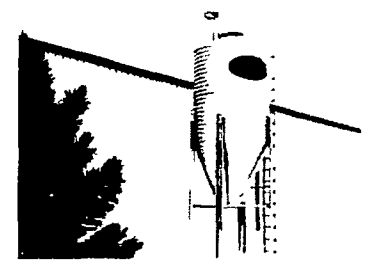

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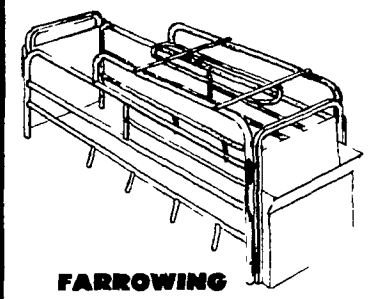

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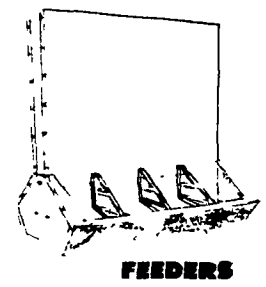

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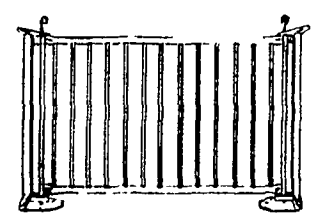

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45LR1	45 000	135 000	70	120 240	175	1	3	670	730
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N.Y. cattlemen plan field day

BATH, N.Y. — Plans for the New York Beef Cattlemen's Association Summer Field Day and Barbecue July 30 in Steuben and Allegeny Counties have been announced by William Hudson, Steuben County Cooperative Extension Agent.

The event will be the first statewide one-day beef tour and field day for the New York Beef Cattlemen's Association. The event is co-sponsored by the Seneca Trails and Sullivan Trails Resource Conservation and Development (RC&D) Councils and by Steuben and Allegany County Cooperative Extension.

The program will begin at 10:30 a.m. at the Raymond Dunn farm, Crosby Creek Rd. Hornell where emphasis will be on pasture management and effective cost-control.

The second strop will be at 11:45 a.m. at the William Stopper Farm, Alfred Station. Cow herd management will be emphasized and the stop will include time for a sack lunch. (Beverage will be provided).

The third stop on the tour will be at the James Ford farm at Angelica and topics will include bull selection and no-till pasture and hay seedings. The fourth stop will be at the Fran Heitman farm, also at Angelica where no-till forage seeding versus conventional seeding practices will be discussed and demonstration plots of seeding mixtures and lime applications will be viewed.

The tour will then move to the Angelica Feeder Sales Barn for a mini-trade show of no-till equipment, cattle equipment and industry information. There will also be a discussion of the Southwestern New York custom feedlot project being developed by the Seneca Trails RC&D Council.

The day's program will conclude with a barbecue at the Angelica Conservation Club beginning at 5 p.m.

Hudson said the Field Day is open to all persons interested in beef cattle and said cattle producers are urged "to invite their city cousing." He said the day's program would help create a better urban understanding of what it takes "to grow a steak or hamburg."

In addition county legislators, local veterinarians, and agriculture service personnel will be invited.

Further information about the Field Day may be obtained from William Hudson, 119 E. Steuben St. Bath, 14810.

It's time to renovate strawberry beds

NEWARK, Del. — Renovating commercial strawberry beds after harvest is a must. "It almost goes against human nature to mow and remove plants after a successful season," says University of Delaware extension vegetable specialist Ed Kee, "but once you understand the reasons, the practice makes good sense."

The goal of renovation is to stimulate plants to develop new runners. These will produce more fruit buds in late August and September. The earlier formed buds will grow larger berries next spring. This is why it's important to renovate as soon as possible after harvest, Kee says.

Before renovating, growers should ask themselves these questions. Is the planting in good enough shape to warrant renovation, or it it thin and spotty? Are weed and disease pressures so great that renovation will be futile? In general, a productive bed should be renovated. "Ten years ago it was common to expect three or perhaps four good production years from a bed. With new herbicides and improved varieties, six or even eight years of profitable yields are possible," the specialist says.

When renovating, he recommends topdressing beds with 50 to 60 pounds of nitrogen per acre and appropriate amounts of phosphorus and potash according to soil tests. This will help develop new runners after mowing.

This is also the time to improve weed control. If broadleaf weeds are present, spray them with 2,4-D Amine (Dow Formula 40) at one quard per acre. Be careful to avoid drift onto nearby crops. Renovation can begin five to six days after treating. An application of Enide may be needed after renovation to stop later germinating annual grasses. Irrigate if it doesn't rain within three days after applying the Enide.

An alternative weed control would be the use of Sinbar. The label on this product specifies complete removal of old leaves and application before new growth beings. The rate range is from 0.5 to 1.25 pounds of Sinbar 80 W per acre, depending on organic matter content and soil texture. For Delaware, Kee suggests the 0.5 pound rate. The higher rate should be reserved for heavy soils high in organic matter. Some strawberry varieties may be sensitive, so try this material on the small area first.

Start the actual renovation process by mowing the leaves, taking care not to injure the crowns. Beds should then be reduced to a width of 15 to 18 inches by cultivating or rototilling. Approximately four plants per square foot should remain.

Kee stresses one final point. Berries on new runners will be larger if fertility and moisture are maintained at adequate levels through late summer. Apply 25 to 30 more pounds of nitrogen per acre no later than September 1. Continue irrigating through late August and September.

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A little erosion can help farm pond

BELTSVILLE, MD — A little erosion may not be a bad thing for the fish in farm ponds. A fresh injection of sediment into a lake or pond, as happens during a summer storm, actually helps to cleanse the water of pesticides and other unwanted chemicals, says a U.S. Department of Agriculture scientist.

Allan R. Isensee, a plant physiologist with USDA's Agricultural Research Service, has been studying the behavior of pesticides in aquatic ecosystems for 10 years. His findings are helping to explain why a lot of pesticides disappear faster than expected in aquatic environments.

Scientists have long known that soil particles attract and hold (absorb) chemicals such as pesticides, Isensee said. They have also developed mathmetical models to predict the distribution of a pesticide among sediment, water and organisms in an aquatic system. He says the results from his and other's experiments show the models to be quite accurate.

"Now we know we can sit down with pencil and paper, calculate the equilibrium concentration and be close to what is happening in the farm pond," he explained. "If you know the processes, you can predict the pollution."

When a pesticide enters a lake or pond, part of it remains in the water, part is attached to soil particles and part is taken up by living organisms. After a time the ratio of pesticide concentrations between the various components reaches a balance — the equilibrium concentration.

Enter fresh sediment from a summer downpour. New soil particles drifting through the water attract pesticide molecules — taking them out of circulation — thereby disrupting the equilibrium. To reestablish equilibrium, the organisms release some of their pesticides into solution. The result is a more dilute concentration of pesticides in all components of the system after the storm.

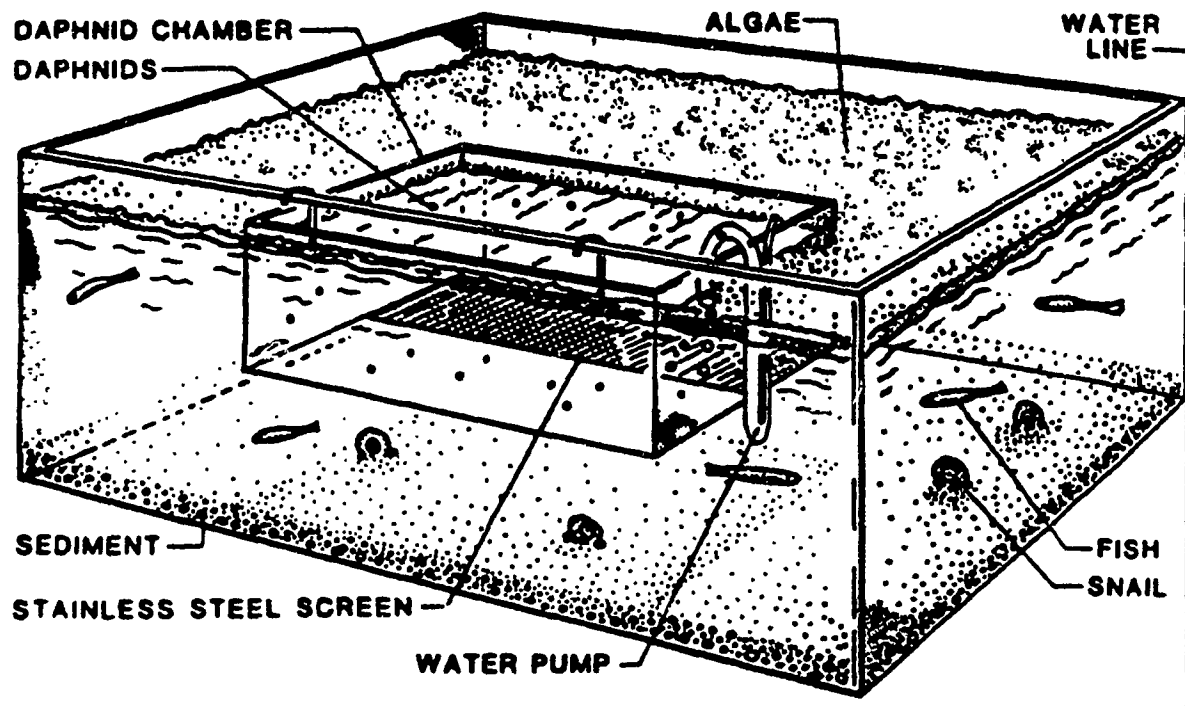
Fresh sediment also buries older sediment. After it reaches a certain depth anaerobic bacteria take over. These oxygen-shunning bacteria will degrade certain pesticides more rapidly than aerobic bacteria, Isensee pointed out.

The equilibrium concentration depends on several factors, he said. One, of course, is the amount of sediment entering the pond. Others involve the chemical nature of both sediment and pesticide. The more organic the sediment (the higher the carbon content), the more pesticide it will absorb. The less soluble the pesticide, the better it will be adsorbed.

Isensee studied four pesticides ranging from two highly insoluble insecticides, DDT and dieldrin (both banned in the U.S.), to two moderately soluble herbicides: atrazine, used when growing corn, sorghum, rangeland and turfgrass, and diuron, used with cotton, sugar cane, alfalfa, and in apple, pear and citrus orchards. As expected, the more soluble compounds tended to concentrate in the water while the insoluble compounds tended to concentrate in the animal and plant life. But fresh sediment helps to reduce the concentration in both, Isensee said. In order to detect and measure their concentrations, he used pesticides containing radioactive carbon.

Instead of testing the effect of sediment in real ponds where it is difficult to get accurate measurements, Isensee simulated the pond ecosystem in 5-gallon aquaria containing sediment, algae, mosquito fish, snails and small shrimp-like animals called daphnids. The system not only allows him to determine where the pesticide is but also how quickly it breaks down and what chemicals result from the breakdown.

Isensee, who is with the Pesticide Degradation Laboratory here at the Agricultural Research Center in Beltsville, MD, says his results are based on expected erosion from a plowed field. He has not yet studied erosion effects following minimum tillage, where more herbicides are used on the field and erosion would presumably be less.



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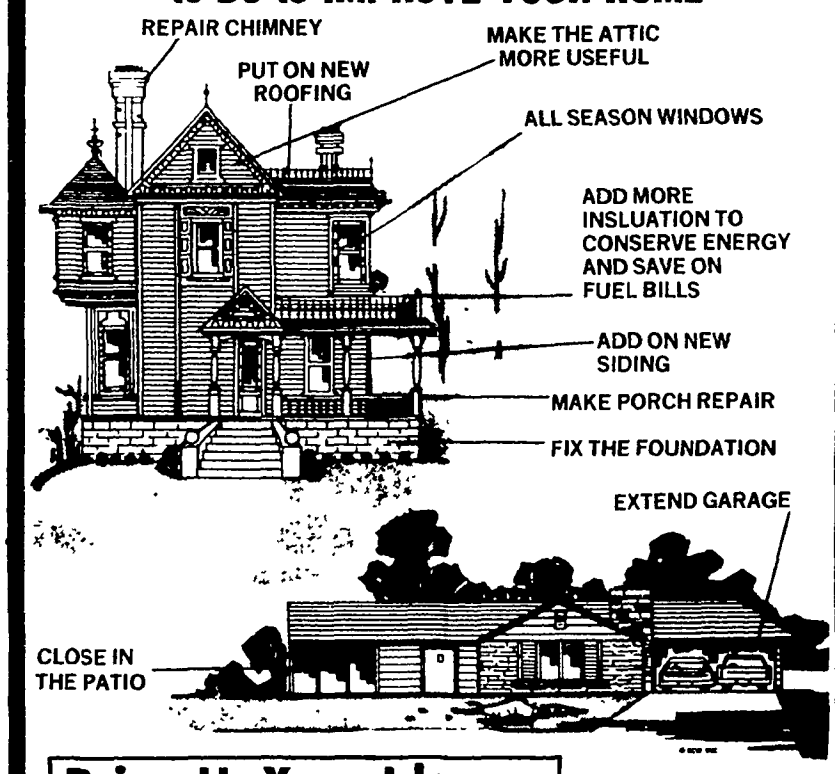
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Md. grain producer feast July 28

ANNAPOLIS, Md. — The Maryland Grain Producers Association will hold its sixth annual meeting and crab feast on Thursday, July 28, at the Queen Anne's County 4-H Park near Centreville.

Topics on the agenda for the meeting include an update on the PIK program, the Federal fuel tax bill, the expanding ESTEL computer system of the Maryland Cooperative Extension Service and, at the request of Central Maryland farmers, presentation on the Maryland Department of Agriculture's Gypsy Moth Spray Program which this year involved 11 of Maryland's counties.

Featured speaker for the meeting will be John F. Marten, staff economist with "Farn Journal" magazine who will cast his sharp eye into the agri-economic crystal ball and talk about the "Ag Outlook 1983-1984."

The formal program will start at 1 p.m. with commercial exhibits open at noon. A light lunch will also be available at that time. Another standby will be the testing of grain moisture meters by representatives of Motomco.

After the exhibits, the discussions and formal business, the famous MGPA crab feast and barbecue will take place in the shady grove of the park. All this for $5 per person. Paid up members of the association are entitled to one free ticket as part of their membership.

Persons desiring more information should contact Donald Lippy at 239-3950 or Robert Hutchison at 820-2008.

Del. to study soybean yields

NEWARK, Del. — A task force of University of Delaware Agricultural Experiment Station and Cooperative Extension Service personnel has been organized to investigate the factors governing soybean yields in Delaware.

According to Don Tilmon, coordinator, the project is proposed for four years and is being supported in part by the Delaware Soybean Board, which has provided $10,000 for this year out of checkoff funds. Decision to continue support will be made by the Board on an annual basis.

Justification for the project is the fact that soybean yields in the state currently average about 26 bushels an acre, and overall yields have not increased significantly in recent years, although individual fields sometimes produce much more.

Nationwide, many research projects are exploring some aspect of soybean production, Tilmon says. Most concern plant yield response to a limited number of stimuli under controlled experimental conditions. However, very little work is under way which attempts to analyze the simulataneous influences of multiple factors on yield, particularly under commercial growing conditions similar to those in Delaware.

The task force includes the following individuals: weed scientist William H. Ahrens, soil scientists Leo J. Cotnoir, agricultural economist Gerald L. Cole, extension entomologist Mark Graustein, entomologist Charles N. Mason, soil fertility researcher Tom Sims, extension plant pathologist Bob Mulrooney, agronomist Merle Teel, county extension agents Dean Belt, Derby Walker and Dave Woodward, extension agricultural engineer Tom Williams, associate scientist Ed Wisk, extension crops specialist Frank Webb, and extension farm management specialist Tilmon.

Over the next four years the team will measure about 60 possible yield-limiting factors, including soil test levels, pH, soil type, subsoil characteristics, organic matter level, fertilizer practices, rainfall, irrigation, tillage practices, variety, row spacing, crop history, weed control practices, pod set, insect pressure, pollinators, insecticide use, disease pressure, and harvest efficiency. They will also compared grower characteristics which might influence yield, such as age, farm size, part- or full-time, and type of farm.

Data will be collected on 25 cooperating farms around the state—12 in Sussex County, eight in Kent County and five in New Castle County. Tilmon says four one-acre plots have been established on each farm for a total of 100 observations the first year. Task force members have already begun gathering information.

When yields have been measured at harvest and quality ratings completed, they will be analyzed statistically. The scientists will compare with results with specific production variables on each plot in an attempt to discover the underlying relationships between factors and yields under Delaware conditions.

Sussex sheep show set

NEWTON, N.J. — The Sixth Annual Sussex County Open Sheep Show will be held beginning at 9 a.m. on August 13 and 14.

The show includes the Eastern Regional Suffolk, and Junior Suffolk, Show, Breed and Market Lamb Classes, Fleece Judging, and shearing competition. Judge is Dan Strahl, Greenfield, Ind.

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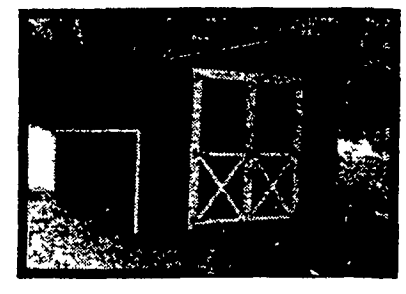
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Using production costs to figure price supports

COST OF PRODUCTION AS A BASIS FOR SETTING MILK PRICES

The appropriateness of using cost of production as the basis for regulatory setting and administering of minimum farm milk prices will be examined in two contexts. The first is as a replacement for the present parity formula, but with continuation of the Commodity Credit Corporation (CCC) support purchase program. The second is as a replacement for parity along with the discontinuation of the commodity purchase activities of the CCC. The following discussion is not intended to imply an endorsement of the use of the price support program to "support" prices at levels generally above what a free market might otherwise generate. The principal justification for the price support program, in the mind of this author is the stability it interjects into market prices, not the possible increased level of those prices.

Assuming continued use of the price support purchase program

In this first context, cost of production would not necessarily be any better or worse than parity. It is in the administration of the present price support program that the major difficulty lies, not in the basic concept of the program itself. The relevant question is not so much what the parity price is, or alternatively what the cost of producing milk is estimated to be, but rather how to move the support price over time. Stocks of dairy commodities held by the CCC are a check against how accurately the support level has been set ex post. On an ex ante basis, some modernization of the parity formula would probably generate signals for change as accurately as cost of production. When the Secretary of Agriculture, through the President of the United States, has had authority to set support prices over the full range of 75 to 90 percent of parity, the program has worked fairly well, with only a few notable exceptions. In recent years and until April 1981. Congress mandated a minimum support price at 80 percent of parity, with required, semiannual adjustments based on changes in the parity index. Large stocks of surplus dairy products accumulated at least in part as the result of that legislation, and the price support program got into a bit of trouble. The level of stocks is a fair indicator of how well the support program is working, and those stocks signaled quite strongly that prices were too high. However, the President was unable to take appropriate corrective action without congressional assent.

The use of either parity or cost of production, taken alone, ignores the demand side of the milk market. The level of CCC purchase activity reflects, in part, the relationship between supply and demand on a current basis. If purchases are high, presumably supplies are too high relative to demand. If purchases are low or non-existent, and market prices are above the support price, then supply is low relative to demand. A major difficulty in the price support program as currently administered is that the responses of dairy farmers to changes in prices are both delayed and distributed over time. That is, if prices rise as the result of an increase in the support price, production increases but little immediately, in increasingly greater amounts until a peak is reached, and then in lesser and lesser amount until the price stimulus has no further effect. What can be observed in the marketpace is, therefore, more the consequence of earlier price changes than of the current level of prices. Once momentum in production is established, whether upward or downward, production continues in that direction without

Blair J. Smith

close regard to current prices or demand.

Just as support prices at 100 percent of parity have never been mandated, neither should they be mandated at 100 percent of the cost of production, assuming that the measure of cost used is relevant. A range in the percentage of the cost of production, within which price will be supported, should be established. The President should be given the authority to vary the support price within that range, taking his primary signal for change from the level of stocks of surplus products being held, or expected to be held, by the CCC.

Assuming discontinuation of the price support purchase program

Cost of production as the basis for effecting some minimum level of the price of milk at the farm, without the commodity purchase program of the CCC, is the second of the two settings mentioned earlier. It is difficult to imagine such an approach working at all, or that it would work very well very long. It totally ignores the demand side of the dairy industry, and in determining market clearing prices, that is one-half of the equation. If the mandated price is lower than the market clearing price, the market will bid the price up. But if the mandated price is above the market clearing price, what become of the unsold products? One way to dispose of them is to subsdize consumer purchases to get consumers to buy all the dairy products produced. An alternative is to let the market price float, and made direct payments to farmers of the difference between that price and the cost of production. Finally, production or marketing quotas may be set to maintain supplies at the level that will generate the desired price.

While the most defendable social justification for governmental involvement in milk pricing may be to ensure an adequate supply of milk for domestic consumers, the principal operative feature of the price support program has been price stability, not price enhancement. The seasonality in milk production and consumption, and the fact that they differ, is well known and documented. Risk or uncertainty as to future prices imposes a cost on any production process, and as risk is reduced through governmental programs, so are costs of production. When the price support program also assumes too much the role of price enhancement, problems arise and gain the attention of the general public.

Bias toward higher rather than lower estimates of cost has already been noted. This bias brings with it built-in cost escalators. The first one, which can be termed mechanical, has already been mentioned. When the returns to

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risk factors go up, for whatever reason, the cost of production also automatically goes up. The example of appreciation in land values and the consequent increase in opportunity costs was developed earlier. Much the same sort of thing is true of the owner-operator's management. As the returns to management go up, for whatever reason, costs also go up because the increased returns must be factored in as a cost in producing milk. Using replacement costs in lieu of conventional depreciation for capital assets has the same effect in periods of generally inflating price levels.

The other built-in escalator is the political one. The essence of this escalator is that once price has been tied to cost of production, the direction of the effects of political pressure is to ever increase price. If cost of production is somehow correctly calculated, and if price is then set at that level, then about one-half the dairymen will have costs higher than the assured price, and one-half will have lower costs. The group with higher costs will have no trouble showing their costs are indeed higher than the established price. Those with lower costs are not likely to lobby for a lower price — they would simply remain silent. Although the success of the high cost dairymen in getting the price raised will depend on their political effectiveness, the direction of whatever pressures they can exert on prices will clearly be upward. Much of the foregoing is also true, of course, of price supports that are based on parity.

If cost of production is to be used as the basis for pricing milk, it must be coupled with some other program or instrument. If the surplus products purchase program of the CCC is continued, cost of production pricing in the long run can be made to work as well, better, or worse than the current program that is tied to parity. In the short run, it may work a little better than the current parity formula, but some relatively substantial modernization of the parity formula would probably work just as well. If the CCC purchase program was to be discontinued, it would need to be replaced with direct farmer payments, consumer subsidies, or production controls. Pricing milk on the basis of cost of production alone is not likely to work satisfactorily. It is highly doubtful that consumer subsides to maintain prices above what the market would otherwise obtain will be put in place. Direct payments have a better chance of being installed, as they have in the case of some of the grains.

Production or marketing quotas are less likely to be instituted than are direct payments, and they would predispose the milk producing sector toward reducing efficiency. This phenomenon has been referred to as the "Cycle of Reverse Progress." That is, if estimates of the cost of production indicate a higher price is necessary to cover cost, quotas may be reduced to force price upward. With the lowered production that results from lower quotas, costs will again increase due to loss of scale economics. Prices will then again need to be raised, and the cycle would go on.

The way in which rights to producer bases or marketing quotas are established, and the manner in which they may be increased, could diminish or accentuate the cycle of reverse progress. The more easily they may be transferred and the more easily new producers could obtain base, the lower the level of reverse progress. But then the effectiveness of the quota program as a device to enhance prices would eventually reach zero. On the other hand, if the transfer of quotas among producers is prohibited, and if it is virtually impossible for a a new producer to obtain quota, the cycle of reverse progress will be at its maximum.

SUMMARY

Variation in estimates of the cost of producing milk, other than those associated simply with time or place, were seen to be due to the choice of a basic data set, the costs and returns items selected for inclusion, and the accounting procedures employed in the computations. Theoretical classifications of both costs and returns were suggested. The problems inherent in establishing values for the costs and returns considered appropriate were examined. Seen as particularly difficult were unpaid family labor and management, land, and dairy cattle.

The several alternative ways of combining costs and returns to yield an estimate of the cost of producing milk were discussed. The two major ones were the enterprise and the whole farm approaches. Sideline revenue may be treated in two different ways under the whole farm approach, however. In the more common case, the cost of generating sideline revenues is assumed to be equal to their value. In the alternative mentioned in this bulletin,

(Turn to Page D19)

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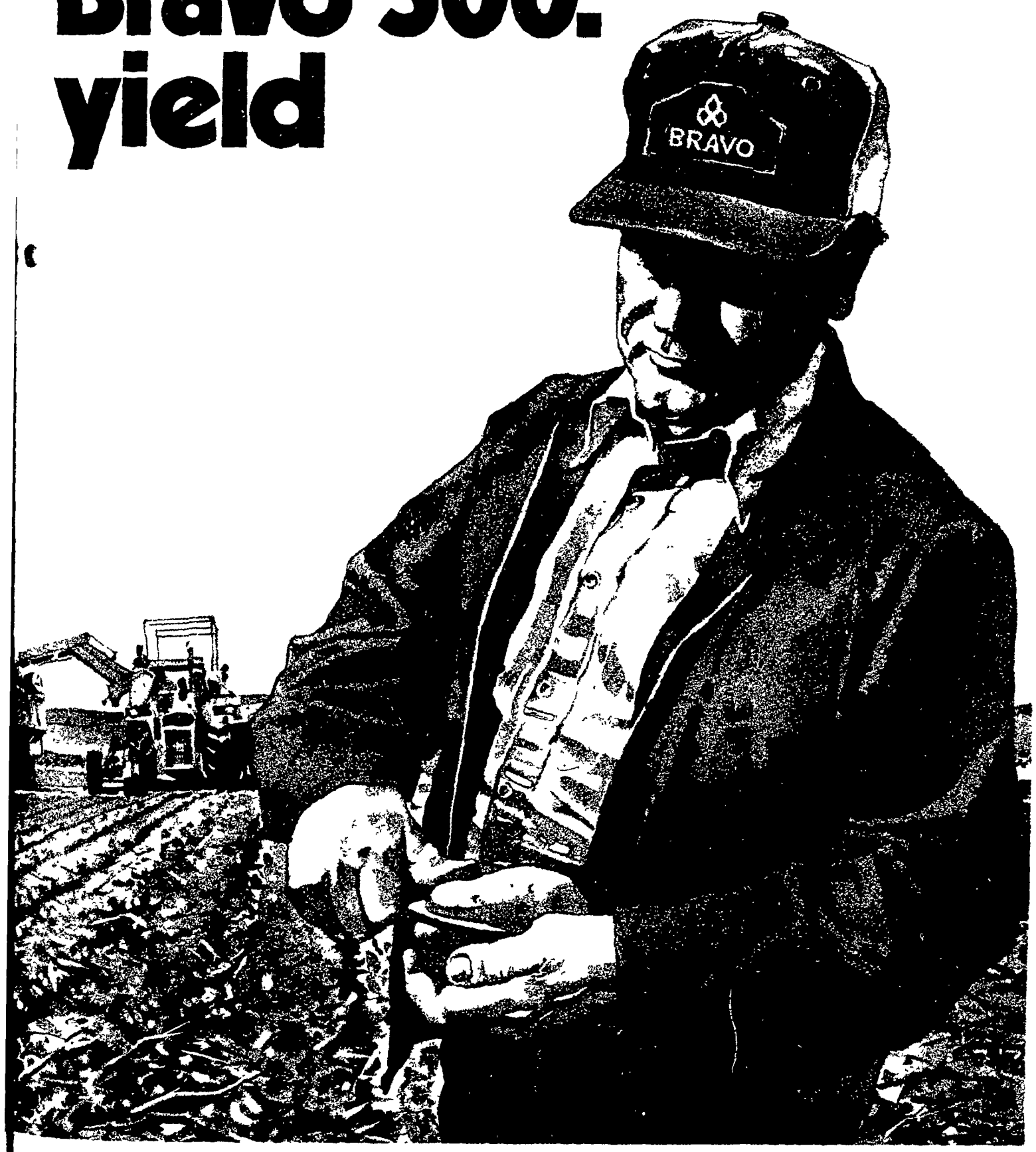
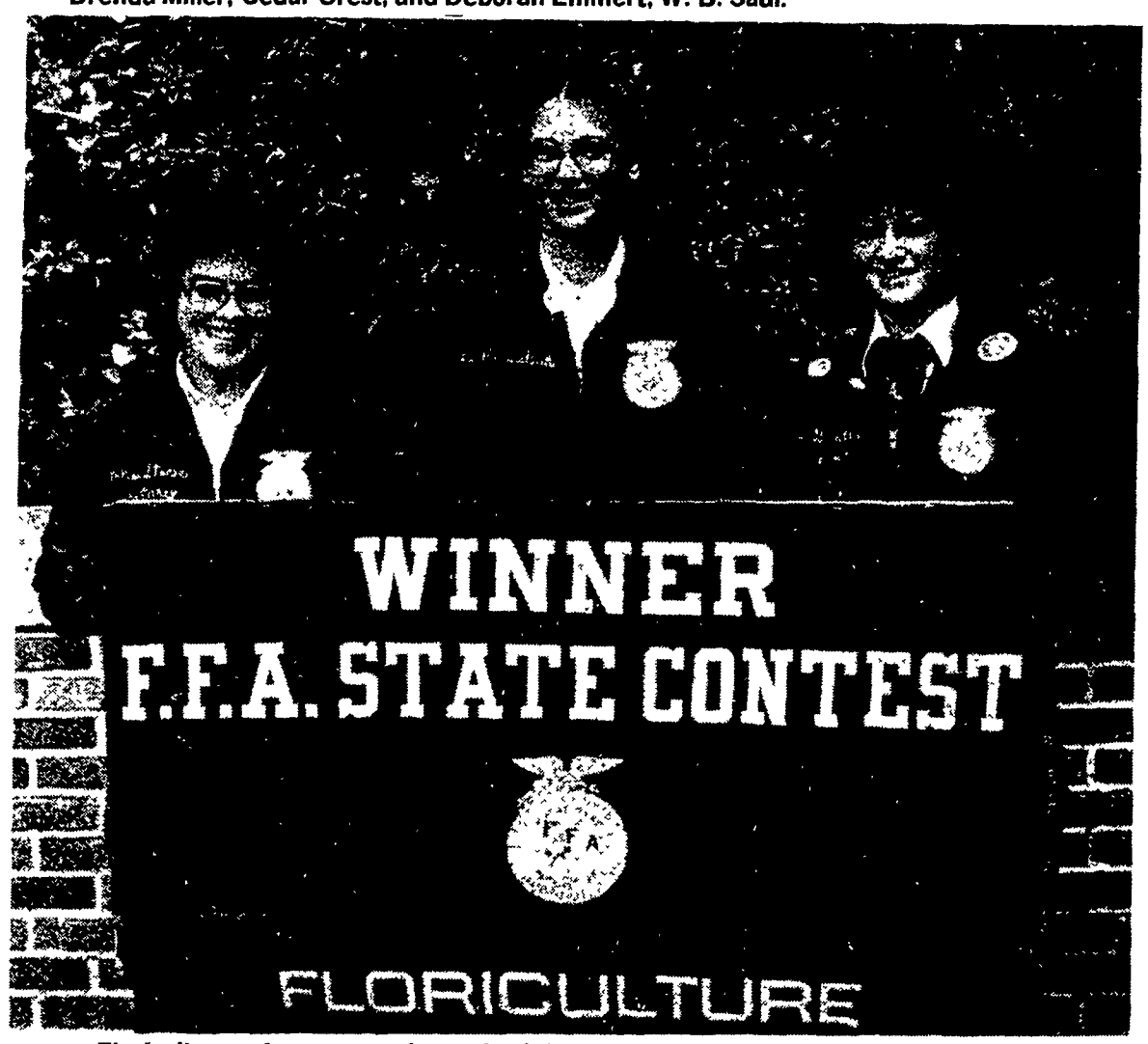


More winners in state FFA contests

Nursery Landscape winners, from the left, Doug Reach, Dan White and Deb Althouse, all of Willow Street AVTS.

Pleasure Horse competition winners are, from the left, Brenda Werner, Twin Valley; Brenda Miller, Cedar Crest; and Deborah Emmert, W. B. Saul.

Meats Judging winners, from the left, Jeff Kreider, Penn Manor; Dan Martin, Warwick; and James Eveler, Red Lion.



Floriculture winners are, from the left, Dianne Steve, Fayette AVTS; Brenda Mae Gainer, Mount Joy AVTS; Kim Gunther, W. B. Saul.

The third-place Dairy Judging team in State FFA competition from the Cloister Chapter at Ephrata includes, from the left, J. Marvin Zimmerman, Jeff Martin, the top individual scorer; and Larry Gerhart.

Ag salesmanship winners, from the left, Bill Boothe, Kennard-Dale; and Jeff Leydig, Berlin Brothersvalley.

Extemporaneous public speaking winners are, Carolyn Wimer, left, Eastern Lancaster County; and Colleen S. Kosack, Seneca Wattsburg.

Production costs

(Continued from Page D17)

costs of sideline revenues would be in the same proportion to total costs that sideline revenues were to total revenues. In this way, sideline revenues would be assumed to be neither more nor less profitable than the main source of revenue, milk sales.

A direct critique of the estimates of the cost of producing milk, made annually by the U.S. Department of Agriculture since 1974, received a great deal of emphasis. The difficulty of this agency's task, and the restrictions under which it has had to operate, were recognized.

Primary criticism was directed at:

(1) Its use of the enterprise rather than the whole farm approach

(2) Charging home-grown feeds to the dairy enterprise at market prices rather than at cost of production.

(3) The way land charges were handled

(4) The use of replacement reserves in lieu of depreciation for depreciable capital assets

(5) The arbitrary inclusion of a cost for owner management at seven percent of total costs.

The appropriateness of using cost of production as the basis for setting minimum prices was examined in two different contexts. With the continuation of the price support purchase program, cost of production would not necessarily be any better or worse than continuing to set prices on the basis of parity. If the price support program were to be discontinued, it is difficult to see how cost of production pricing could work very well for very long, if at all. It totally ignores the demand side of the dairy industry, one-half of the market equation.

If cost of production is to be used as a replacement for parity, it must be coupled with some other program or instrument. Direct payments to dairy farmers, consumer subsidies, or marketing quotas are seen as possibilities, but it may be that the continuation of support purchases would be the least objectionable. In any case, a relatively substantial modernization of the parity formula would seem to hold as much promise as cost of production pricing.

ADDENDUM

The most recent U.S. Department of Agriculture estimates of the cost of producing milk were issued July 1982 (6). Rather than restructure this bulletin to incorporate all the changes in estimation procedures reported in that publication, the major ones are summarized here. Although prelilminary 1979 and projected 1980 estimates of the cost of producing milk were published in earlier reports, these were revised in accordance with the findings of the new survey of costs conducted in 1980. The revised estimates of costs for the earlier years also were included in the 1982 report.

The estimates of 1974 costs depended almost wholly on data obtained from personal interviews of dairy farmers. The estimates for 1979 still relied to an important degree on personal interviews, but the USDA drew more heavily from a variety of other data souces. Generally, the philosophy guiding the development and use of the second farm survey was to limit questions to those not already being asked regularly by the Crop Reporting Board of the Statistical Reporting Service. Thus, information on agricultural prices, production inputs, and production outputs that were regularly published elsewhere by the U.S. Department of Agriculture was not sought during the survey of 1979 costs of production.

A potential weakness of the procedures arising out of the foregoing philosophy is that two different populations were used to obtain data that were later merged for analysis. Farmers included in the special survey were selected to represent all dairy farmers. Those responding to the questionnaires mailed regularly by the Crop Reporting Board are not necessarily representative of dairy farmers, because information is sought from voluntary farmer-reporters of all enterprise specializations. Thus, the elements of cost of production estimates that depend on this latter source of information might have been different had they been based on a representative sample of specialized dairy farmers.

The July 1982 report generally provides more insight into the pros and cons of the several alternative procedures and uses of cost of production studies than the earlier reports in the series. A useful and relevant distinction between the costs that a new entrant to the industry would face, and those of a continuing dairyman, is made (6, page 10).

On page 11 of the 1982 report the reader is properly cautined about making too much of the study results to infer profitability of dairying or farmer well-being at any one point in time. The authors acknowledge it is more appropriate to use their data to evaluate geographic advantage at a given point in time, or of changes in farmer well-being over time.

The format of the tables in the 1982 report is simpler and more straightforward than all earlier ones. Specific references in footnotes 4 and 6 to interest, or returns to equity capital, are helpful. They seem to suggest there might be reason to differentiate between borrowed and owned capital, although there is no way to separate them in the data that are published.

Finally, the way management is handled in the 1982 report (page 31) now coincides with the biases of this writer. That is, management is trated as a residual claimant of income, rather than as a specific item of cost of producing milk. I would yet argue that the cost of equity capital should be treated in like fashion.

Overall, the 1982 report is stronger in both its format and interpretation of data than the earlier reports. It is probably weaker, however, in the quality of its basic data because of the methods used and sources from which they were obtained.

Again, no personal criticism of workers involved in the tedious and difficult development of the USDA cost of production estimates is intended. Where they have been granted increased freedom to carry out the work as they see fit, the results have been improved. Where less freedom or resources were provided, the quality of the results may have been reduced.

Md. market line service begins

ANNAPOLIS, Md. — The "MDA Market Line" telephone news service featuring timely crop, weather, price, availability, grain and livestock market information, started this week, according to Bradley H. Powers, of the Maryland Department of Aagriculture's Marketing Services Section.

Each day during the week, Powers explains, a new three-minute tape recorded message will be put on a telephone answering machine at about 4 p.m. Persons interested in the reports can then call at anytime by dialing (717) 841-5763 and listen to the message.

The schedule for the reports will be:

Mondays - a weekly Crop Weather Report prepared by the Maryland Delaware Crop Reporting Service.

Tuesdays - a Crop and Livestock update also prepared by the Crop Reporting Service.

Wednesdays - The Baltimore Retail Food Price Report prepared by MDA's Marketing Services Section based on in-person survey of prices in area food stores.

Thursdays - The Maryland Feed, Grain and Livestock Report prepared by MDA's Marketing Services Section.

Fridays - A Fresh Produce Update, based on an MDA survey of growers, designed to update the buying public on local fruits and vegetable harvest and supply situations along with product prices from the Wholesale Food Center at Jessup.

"The MDA Market Line is an expansion of the former 'Produce Hotline' report which we have offered in season in cooperation with the Maryland Wholesale Food Center in Jessup", Powers said.

"Our new service will feature much more information and make the reports available to the public faster. The telephone number we are using for the service this season, (301) 841-5763, is toll-free for the Baltimore metropolitan area and reaches into major portions of Anne Arundel, Baltimore, Harford, Carroll and Howard counties. It was not possible this year to have a statewide toll free number but if demand for it is strong we will consider it," Powers concluded.

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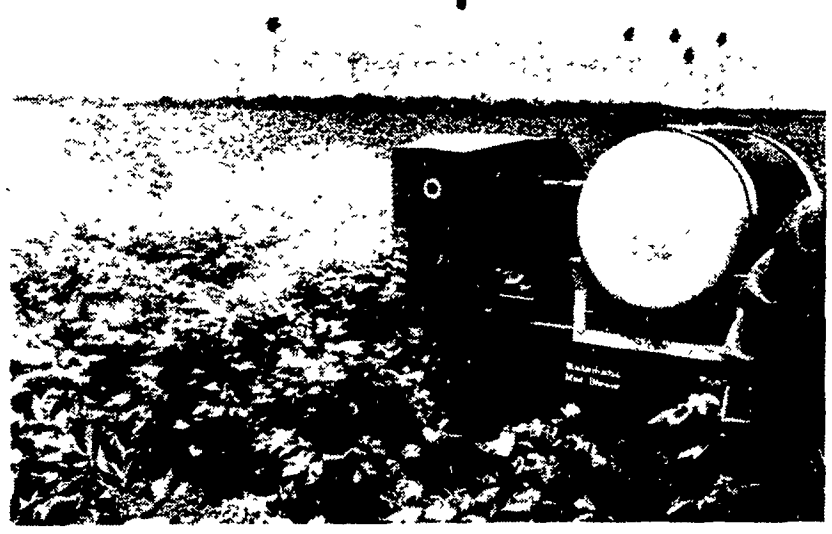

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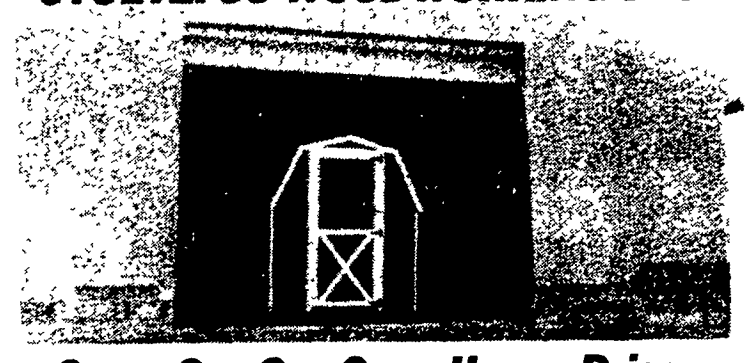

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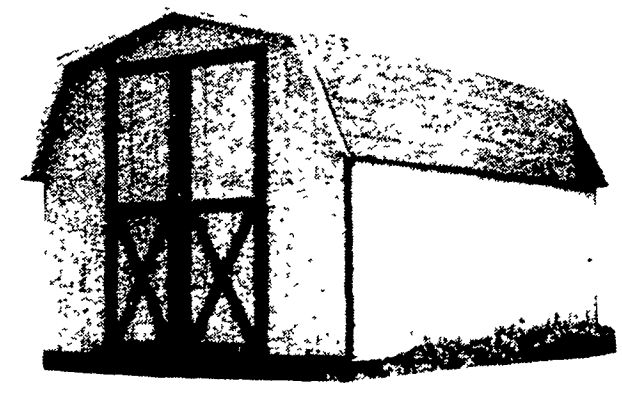

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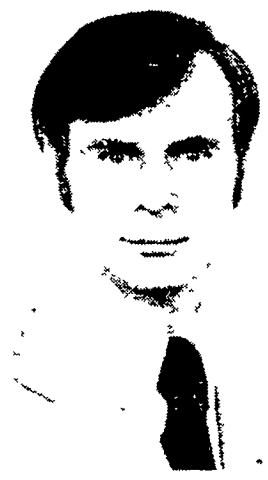

Dairy Pipeline

By
Glenn A. Shirk

Extension
Dairy
Agent

What is Hay Worth in the Field?

"What is hay worth in the field?" is a question we are asked frequently during the harvest season. The answer to this question can vary considerably, depending upon individual situations.

One of the first things we need to know is yield of dry hay per acre. We can estimate this by determining the average weight of a bale of dry hay — from a previous harvest. This assumes that you are making bales of the same size and dry-weight density this year. Next, calculate how many dry bales are in a ton; if a dry bale averages 35 lbs., this would be about 57 bales. It doesn't matter what the moisture content and weight of the bales are at baling time, because dry weight is what we want to buy. The number of bales required to make a ton of dry hay will be approximately the same, regardless of moisture content. It's easier to count bales than it is to weight wagon loads, to take moisture readings and to adjust prices for variations in moisture content.

The Minimum Price

There is a minimum price which the grower needs to cover his costs of production. Let's assume he spends $100 an acre each year to lime, fertilizer and spray established alfalfa stands, including materials, machinery, fuel and labor. If it costs him $160 per acre to establish a stand, and his stands persist for an average of four years (includes seeding failures), his establishment cost per year of life of the stand is $40 per acre. To these costs, let us not forget to add the rental value of his cropland; let's say it is $100 per acre.

This rental value should be included because it represents income given up by him when he grows hay for you. It also represents a cost savings to you because if he didn't grow it for you, you'd have to rent land at that price to grow your own hay.

Now, let's total the grower's costs; you should get $240 per acre per year. If his dry hay yields, including harvesting losses, average six tons per year, that's a cost of $40 per ton. That's the minimum he must have.

The Maximum Price

When it comes to buying hay you have about two choices: buy it at harvest time or put it off and buy it as you need it — and when prices are generally higher. The maximum price should not exceed the higher market prices for hay of the same average quality, at the time when you will be feeding it. Determine the market price, and then deduct any transportation and commission charges to the grower for marketing the hay. This establishes a net market value at the farm where it was grown; let's assume this net value is $100 per ton.

If you are buying the hay at harvest time and you won't be needing much of it until winter, you'll have additional interest and insurance costs associated with storing the hay for an extra 3 to 6 months. For easy figuring, we'll assume this costs $10 per ton. Deduct this extra storage cost from the net market value and we have a maximum of $90 per ton that you can afford to pay.

Read on. We're not finished yet.

Harvesting Adjustments

Who does the harvesting? That's another important question. Determine who absorbs these costs and who assumes the risks of harvesting losses, and adjust the minimum and maximum prices accordingly.

In this example, the buyer does all the harvesting and it costs him 60 cents a bale to mow, condition, rake, ted, bale, and haul the hay a "short" distance (equivalent to the grower hauling it to his own barn); that's $35 per ton or $210 per acre. After deducting these costs from the previous maximum of $90, we have a net value of $55 per ton; that's the maximum he can afford to pay.

Negotiable Margin

The difference between the minimum and maximum prices is the margin which the two parties can negotiate. In this example it is $15 per ton ($55-$40) or $90 per acre ($15 x 6 T.).

At a price of $40 to $55 per ton of standing hay, the cost per bale harvested would be 70-96 cents per bale. Now, you can count the bales per cutting, and even determine the price per cutting, if you wish.

The figures used above were for illustration purpose only. They will vary considerably from farm to farm, depending upon yield, production and harvesting practices, overhead costs, work arrangements, etc. So, push the pencil and use your own figures.

Other Crops

This example was for hay, but the same general concept could apply to other feed crops as well. With silages and high moisture grains, you may have to weigh loads or determine silo capacities. You'll also have to determine moisture content if your dealing on a dry weight basis.

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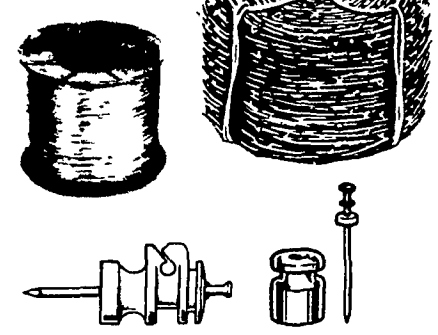

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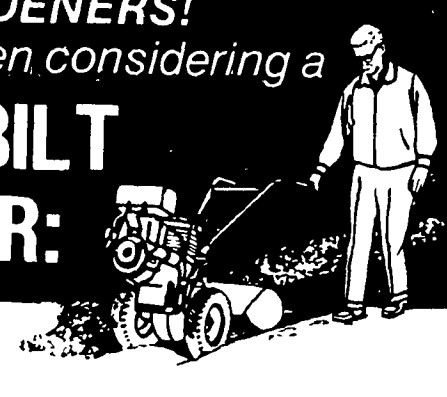

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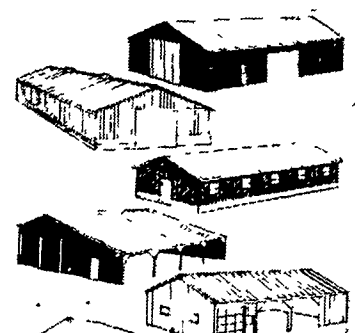

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Lancaster County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

LANCASTER COUNTY DHIA
May 1983

A Registered Holstein cow owned by John K. Peters, R. #6, Manheim, completed the highest 305 day lactation. Beauty produced 27,242 lbs. of milk 1,103 lbs of butterfat with a 4.0% test. Second high lactation was completed by as Registered Holstein cow owned by Donald R. Bare, 1801 Millport Road, Lancaster 23 produced 20,675 lbs of milk, 972 lbs of butterfat with a 4.7% test in 305 days.

First 305 days of lactation with 700 or more lbs of butterfat

OWNER NAME OR NUMBER	BRD	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
John K Peters						
Beauty	RH	5-10	305	27,242	4.0	1103
Donald R Bare						
23	RH	3-11	305	20,657	4 7	972
62	RH	4-2	305	23,991	3 8	901
61	RH	5-4	305	24,309	3.6	864
132	RH	4-8	305	21,771	3 8	818
Neffdale Farm						
Dorothy	RH	8-10	305	20,448	4 7	969
Polly	RH	4-7	305	19,795	3.7	734
April	RH	4-10	305	16,640	4 4	733
John R. & Rick Groff						
Rose OC	RH	6-3	305	18,773	4 9	923
J. Mowery Frey Jr.						
Melody	RH	8-10	305	25,752	3.6	918
Prize	RH	4-6	304	21,672	3.9	843
Flo	RH	3-6	305	28,768	2 9	829
Gem	RH	4-6	295	20,912	3.7	764
Ginelle	RH	5-4	305	22,553	3.4	763
Miran	RH	2-0	305	20,833	3.6	754
Boots	RH	9-6	305	20,201	3.6	722
Abram M. Stoltzfus						
Bessie	GrH	4-0	305	21,098	4.3	913
Star	GrH	4-2	305	19,886	4 1	814
Dan L. Stoltzfus						
Robin	RH	8-7	305	22,335	4 1	910
Ivan Z. Martin						
Reba	RH	4-7	305	24,409	3 7	907
Weaver Homestead Farm						
13	GrH	7-8	305	24,886	3 6	904
18	GrH	3-8	304	17,968	4 2	763
Christian & Katie King						
110	RH	6-10	305	21,078	4 3	903
18	GrH	3-6	305	23,509	3.3	777
John Omar Stoltzfus						
Fan	RH	6-9	305	23,515	3.8	891
Sue	RH	7-11	305	20,783	3.8	796
1	H		305	20,266	3 6	720
Kreider's & Nickle						
173	GrH	2-11	305	20,257	4 4	891
167	RH	3-2	296	20,052	3 6	719
Carl L. Martin						
Pearlen	RH	5-9	305	19,790	4 5	888
Snowsho	RH	3-10	305	22,045	3 9	869
Nola	RH	8-7	305	17,968	4 2	763
R. Edwin Harnish						
Misty 3	RH	5-5	305	24,414	3 6	887
Bennie L. Fisher						
Susie	RH	4-7	305	27,171	3 3	886
Bartview Farm						
Flossie	RH	3-3	305	19,296	4.6	886
Ellis D. Kreider						
131	GrH	6-0	305	20,978	4.2	884
Willis M. Martin						
Gloria	RH	7-7	305	19,554	4.5	883
Gail	RH	4-8	305	22,319	3.4	756
J. Harold Fritz						
160	GrH	8-4	305	23,484	3.7	879
13	GrH	6-10	305	22,787	3.8	863
109	GrH	4-4	304	27,073	3.0	809
699	RH	6-4	305	19,572	4.0	785
24	GrH	8-2	305	20,699	3.6	735
Elmer M High						
21	RH	5-7	305	20,146	4.4	879
100	GrH	5-2	305	24,427	3.1	756
39	RH	2-2	305	18,635	4.0	742
Paul V. Nissley						
Tara	RH	4-11	305	23,342	3.8	876
Raven	RH	4-4	302	23,411	3.1	736
Lana	RH	5-3	305	16,684	4.2	708
Nathan E Stoltzfus						
Denise	RH	4-6	305	25,417	3.3	874
Jobina	RH	7-5	305	23,589	3.0	702
Paul H Rohrer & Sons						
5	GrH	3-7	305	21,920	4 0	873
45	GrH	3-8	305	21,876	3.7	809
Benuel Z Lapp						
Ruby	RH	5-5	305	25,796	3.4	871
Charlen	RH	6-5	305	26,285	3.3	855
Brenda	RH	5-10	305	24,635	3.3	801
Mima	RH	6-8	305	20,617	3.7	773
G. M. Weaver						
Ruby	GrH	4-6	305	21,050	4 1	870
Dale W. Peifer						
Kass	RH	10-10	305	18,220	4 8	869
Maidy	RH	4-8	305	23,392	3.4	792
Cary	RH	6-8	305	19,441	3 7	727
Raymond M. Weaver						
114	RH	4-10	305	19,399	4.5	865
59	RH	5-7	305	20,604	3.9	799
3	RH	3-7	305	19,212	3.9	753
113	RH	4-4	305	18,907	3.8	719
95	RH	5-11	305	16,471	4 4	718
Jonas O. Sensenig						
30	GrH	6-2	305	21,449	4.0	863
9	GrH	6-11	305	19,479	4.0	787
Omar Smoker						
Alpine	RH	3-8	305	20,090	4.3	861
Carlene	RH	2-10	305	19,841	3.7	742
Maria	RH	3-3	305	18,658	3.9	725
John Z. Beiler						
Leola	RH	3-11	305	21,174	4.0	854
Curtis E. Akers						
Tricia	RH	6-0	305	26,143	3.3	852
Sally	RH	5-0	291	20,569	4.1	847
Joy	RH	8-8	305	20,178	3.7	754
Helen	RH	5-1	295	19,278	3.8	738
Ephraim D Riehl, Jr.						
Katie	RH	4-9	305	18,425	4.6	852
Gladys	RH	5-5	305	21,480	3 8	819
Sparkle	GrH	8-2	305	21,816	3 5	764
Vern-Lee Holsteins						
Betty	RH	12-4	305	23,479	3 6	851
Starlit	RH	5-11	305	19,437	4 1	804
Paul H Hursh						
108	GrH	4-7	305	21,183	4 0	851
Romas L Stoltzfoos						
7	RH	5-6	305	23,894	3 6	849

(Turn to Page D23)

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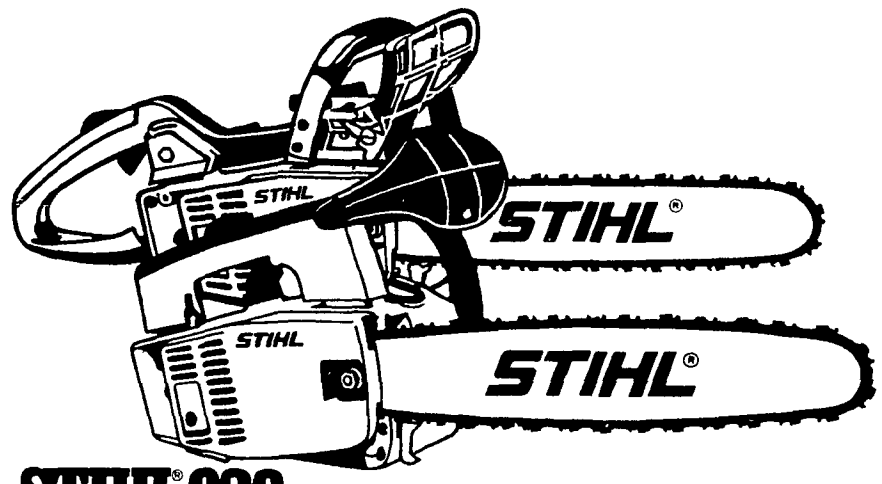

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Penn State clinic can diagnose plant troubles

UNIVERSITY PARK — Not since Noah left the ark have farmers and gardeners been plagued by so many plant diseases caused by extreme wet conditions. That's the word from John D. Peplinski of the Plant Disease Clinic at Penn State.

Clinic workers become fully aware of plant disease conditions in Pennsylvania and neighboring states. Nearly 2,000 specimens are processed within the clinic each year with many coming from outside the Commonwealth.

Peplinski and associates examine sickly plants for symptoms of damage by fungus, bacteria, nematodes, viruses, and air pollutants. Once the causes are determined, controls are recommended wherever possible. The staff includes all Extension Service specialists in the Department of Plant Pathology, with Peplinski managing the facility.

The clinic is the only one of its kind in Pennsylvania and the services are free. A laboratory is equipped for microscopic examination of plants. The lab can also isolate and grow plant pathogens (disease organisms). And virus analysis is carried out using "indicator plants" that readily show disease symptoms.

About 50 percent of the specimens come from commercial farm and garden operations, Peplinski said, with the other 50 percent from homeowners. Of all specimens received, 35 percent are submitted through county Extension Service agents. The other 65 percent are mailed directly to the clinic, are brought in personally, or come in through faculty and staff members.

Kits are available for submitting plant specimens and soil samples. The kits can be obtained at all county Extension Service offices in the Commonwealth—or in room 218 of Buckhout Laboratory at Penn State.

"We encourage people to use the kits," Peplinski said. "A form in each kit, when filled out, gives valuable information to aid clinic personnel in diagnosing plant disease problems."

If the plant pathology staff finds that diseases and air pollutants are not involved in a problem, then extension specialists are consulted in other departments — entomology, agronomy, horticulture, or forestry. The Penn Staters also cooperative with workers in several other university clinics in the Northeast to help understand and solve plant problems.

A computer information system is used to store and retrieve records of clinic specimens. All records for the past five years are kept in the system.

"Lists of specimen records are available whenever people request information on certain diseases or crops," Peplinski stated. "For example, if a listing is needed for all tomato samples received by the clinic in 1982, we can print this list with our computer terminal."

The computer storage system became a valuable source of information for the Nuclear Regulatory Commission (NRC) in its investigation of plant problems reported in the Three Mile Island area around Harrisburg. Computer listings of plant specimens received by the clinic in 1979, from counties surrounding Three Mile Island, were given to the NRC.

John L. Peplinski, coordinator of Penn State's Plant Disease Clinic, examines pine twig for blight.

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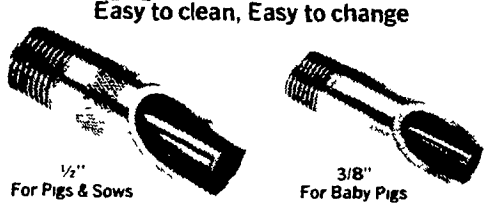

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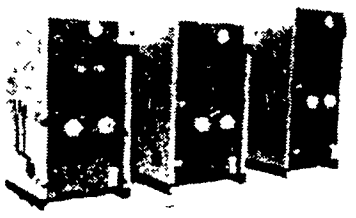

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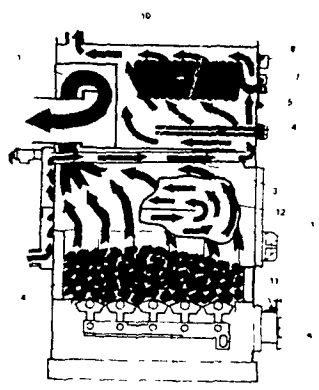

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Lancaster Co. DHIA

(Continued from Page D21)

Paul H Martin						
Emily	RH	3-1	305	24,037	3.5	844
Glenn E Burkholder						
Delite	RH	4-8	305	22,595	3.7	841
Colleen	GrH	2-10	305	21,880	3.8	822
Stacy	RH	5-4	305	25,663	3 1	795
Apricot	RH	3-3	305	17,621	4.4	777
Julie	RH	5-6	305	23,056	3.3	754
Urbana	RH	3-3	305	19,976	3.7	744
Dwayne E. Nolt						
7	GrH	6-10	305	22,494	3.7	841
22	GrH	4-5	305	19,091	3.8	722
Cedar Fringed Farm						
Blythe	RG	4-10	305	21,649	3.9	839
Leona	RG	7-1	296	14,283	5.6	795
Bethy	RG	6-9	305	16,869	4.5	754
Mercy	RG	7-0	305	15,981	4.7	754
Joseph C. Wivell						
Fan	RH	3-8	305	20,922	4.0	836
Gerry	RH	5-9	305	22,489	3.2	727
Paul D Welk						
Skokie	RH	3-8	305	20,018	4.2	835
Linda	RH	5-5	305	16,996	4.2	714
Elam Petersheim						
Cookie	RH	5-8	305	19,373	4 3	834
Prissie	RH	6-4	305	16,691	4 9	824
Brooks	RH	3-7	305	18,244	4.2	763
John M. Harnish						
Gusta	RH	4-7	305	21,970	3.8	833
Jill	RH	4-8	305	20,614	3.9	801
Foy	RH	3-2	305	18,732	3.9	734
Shannon	RH	3-11	305	22,221	3.3	733
April	RH	3-5	305	19,684	3.7	721
Irene	RH	5-2	305	17,483	4.1	720
Harry S Aungst						
Pam	RH	13-6	305	19,870	4 2	831
Galen W. Crouse						
Ruthann	RH	3-6	305	21,144	3 9	830
Lillian	RH	3-9	305	19,624	4 1	812
Clyde W Martin						
Ester	RH	3-3	305	22,753	3.6	827
Cathy	RH	9-4	305	21,229	3.8	806
Reuben A. Stoltzfus						
Odette	RH	6-4	305	20,819	3.9	821
John L. Landis						
21	GrH	4-11	305	22,991	3.6	818
88	RH	8-6	305	22,981	3.3	758
Nelson H. Wenger						
Deidre	RH	5-4	305	18,169	4.5	817
Jello	RH	5-10	305	19,578	3.9	770
John H. Howard						
Laurie	RH	4-9	305	22,604	3.6	816
Ruby	RH	3-1	305	20,909	3.8	800
H. Landis Weaver						
Cherrie	RH	6-3	305	21,881	3 7	813
Lurline	RH	3-6	305	20,409	3 7	746
Martin Weaver Jr						
Pati	RH	5-2	305	19,641	4.1	813
C Nevin Hershey						
Carol	RH	6-6	305	17,446	4 7	813
Cheryl	RH	4-1	305	18,416	3 8	702
Ellen	RH	4-7	305	17,760	3.9	701
George M Hurst						
55	GrH	6-1	305	18,676	4.3	811
26	RH	4-11	305	20,012	4.0	793
Pennstar Farms						
Christy	RH	3-4	305	18,426	4.4	811
Edgefield Farms						
Maybell	RH	6-4	305	22,885	3.5	807
Elsie	RH	5-7	305	19,683	4 0	792
J. Ray Ranck						
Fran	GrH	3-10	305	19,509	4.1	807
J. Richard Snavely						
Jane 120	GrH	3-4	305	20,980	3.8	805
Nella 1	RH	5-10	305	18,422	4.2	772
Pequea Heights Farm						
June	RH	5-3	305	22,899	3.5	804
Barb	GrH	5-4	305	20,174	3.9	777
Maggie	RH	6-8	295	18,794	4.0	746
Linnie	GrH	6-3	305	21,389	3 3	716
Wilfie	RH	6-3	305	18,277	3 9	707
Ra-El Holsteins						
Dody	RH	4-5	303	20,263	4.0	804
Esta	RH	6-1	305	21,250	3 5	754
Gerald Martin						
Nora	RH	4-4	305	19,799	4.1	804
Singing Maple Farms						
63	RH	5-1	305	22,212	3.6	803
15	RH	4-6	305	21,515	3.6	772
29	RH	7-6	305	17,987	4 1	744
Paul B Zimmerman						
Revlon	RH	4-7	305	15,633	5 1	803
Shellenberger Bros.						
Doris	RH	6-0	305	18,635	4 3	802
Melvin R. Eby						
Tiffy	RH	5-5	305	21,702	3 7	800
Kenneth E Zurin						
Ton	RH	9-6	305	20,254	3.9	800
351	GrH	2-10	305	19,087	3 7	702
Melvin L. Beiler						
Melissa	RH	6-1	305	21,172	3.8	798
Landis Garman						
First	RH	6-1	305	22,463	3.5	796
Craig R. Mlaker						
Beauty 2	RH	4-0	305	19,467	4.1	796
Delmar H. Wenger						
Money	RH	8-6	305	19,126	4 2	796
Ivan Zook						
9	RH	4-4	305	22,791	3.5	794
99	GrH	5-1	305	21,317	3.7	782
65	RH	2-8	305	23,156	3.1	728
S & A Kreider & Sons						
203	RH	4-2	305	16,638	4.8	794
160	RH	7-7	281	18,580	4.0	734
J Carl Zander						
Kay	RH	5-11	305	20,784	3.8	793
Samuel M Martin Jr						
Carla	GrH	5-3	305	21,046	3.8	792
42	GrH	2-10	305	18,917	3.7	705
Britain Acres Farm						
167	RH	5-1	305	20,721	3.8	792
Daniel E Fisher						
Jody	RH	7-3	305	21,326	3.7	790
Dona	RH	7-1	305	19,368	3.9	757
John S Nolt						
Esther	GrH	6-9	305	21,194	3.7	784
Elam B Rutt						
Baby	RH	5-10	305	20,743	3.8	784
Jere & Leon Sensenig						
3	GrH	6-8	305	17,314	4.5	784
Noah Kreider & Sons						
208A	GrH	6-7	305	22,031	3.5	779
Abraham Shelly Jr.						
Sue	RH	3-5	305	20,842	3.7	779
Hickory Grove Farm						
Dot	GrH	5-9	305	19,040	4.1	779
Dale & Steve Hershey						
Heidi	RH	3-8	305	23,784	3.3	777
Annette	RH	3-6	305	21,288	3.6	767
April	RH	2-2	305	18,557	3.8	712
Raymond & Louise Witmer						
Elm	RG	7-2	305	14,550	5.3	777
Blondie	RG	7-6	305	14,395	5.1	741
Margrta	RG	4-9	305	16,908	4.3	727
Nellie 2	RG	7-10	305	14,211	5.0	708
Marbro Farm						
Pride	RH	3-2	305	18,977	4.1	776
Lorie	RH	9-10	305	21,338	3.6	762
Harold K. Witmer						
Suzette	RH	7-0	305	21,681	3.6	775
Tritown Farm						
Maude	RH	10-8	305	18,702	4.1	775
Kenneth B. Garber						
Delpha	RG	5-4	305	17,426	4.4	775
Nicky	RG	4-11	305	16,906	4.4	747
Doreen	RG	15-5	305	15,641	4.6	726
Hattie	RG	2-3	305	13,660	5.2	714
J. E. & Shirley Hershey						
Rhonda	RH	5-0	300	19,019	4.1	774
Diamond	RH	3-0	305	23,513	3.2	748
Fawn	RH	3-0	294	19,340	3.9	748
David B. King						
Jal	RH	12-0	305	18,747	4.1	772
LeRoy S. Musser						
50	GrH	7-3	305	22,054	3.5	768
Joseph W. Best & Sons						
12	GrH	4-7	305	21,281	3.6	768
8	GrH	5-0	305	16,423	4.4	729
37	GrH	4-10	305	16,068	4.4	708

(Turn to Page D25)

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BUY DIRECT FROM THE MANUFACTURER

Replace Worn Out Dropping Boards With Our All New, Fully Extruded, Non-Corrosive, Flame Retardant, Compounded Plastic Dropping Board.

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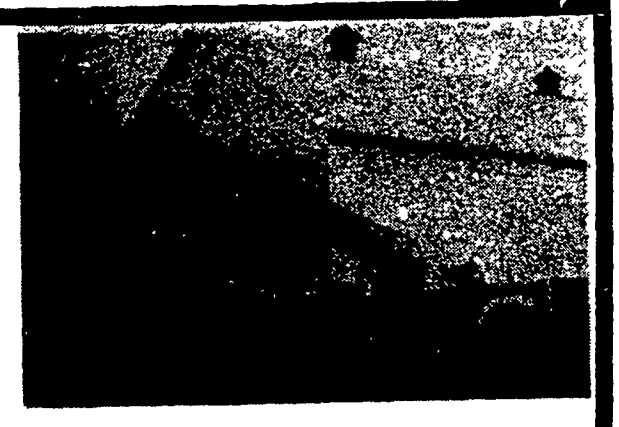

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717-859-1127

PAUL B. Zimmerman INC.

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THREE SIZES:

SMALL - For Calves Up To 15 Months Old

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LARGE - For Cows 15 Months And Older

- ★ All cows can be released at one time or individually
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- ★ No more chasing cows
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- ★ Custom built to your specifications
- ★ You can release all cows or hold cows that need treatment.

ALSO AVAILABLE

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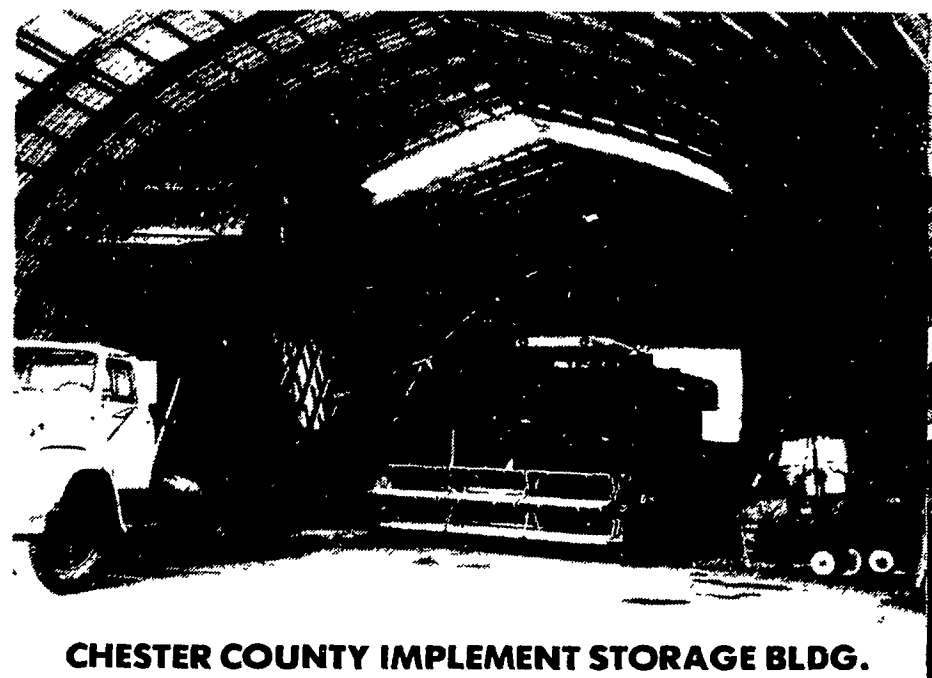
Farmland Preservation *It's worth it!*



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50'x100'x25'7" High

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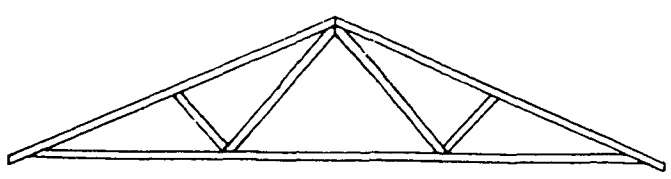

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TRUSSES BUILT UNIFORMLY
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* This Building Will Pay You.
* Naturally Air Dried Corn Keeps Its Feeding Value.
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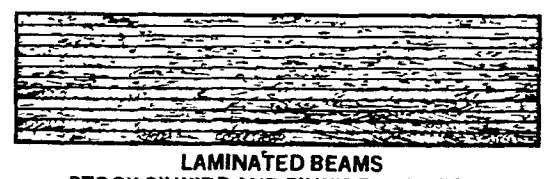

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& ACCES.
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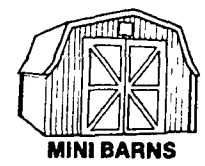

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MANUFACTURERS of
LAMINATED RAFTERS
and WOOD ROOF TRUSSES

RICHLAND RD1, Pennsylvania 17087

Lancaster Co. DHIA

(Continued from Page D23)

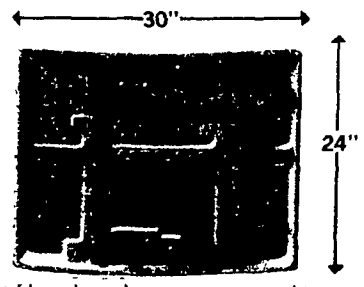
Meadow Vista Farm						
Tonya	RH	5-6	301	17,614	4.4	768
Welsh-Vista Farm						
Bride	RH	5-3	305	23,445	3 3	766
Kenneth L. Beiler						
Evie	RH	4-5	305	23,277	3 3	766
Pam	RH	6-5	305	20,642	3 6	738
Abram & John Barley						
136	GrH	4-0	286	19,176	4 0	766
Mary G. Schantz						
Star	GrH	3-7	305	21,121	3 6	765
David W. Sweigart						
38	GrH	4-6	305	22,954	3 3	764
207	GrH	7-0	305	22,099	3 4	756
Dennis R. Bender						
54	RH	4-9	294	22,093	3 5	764
P Robert Wenger						
Bev	RH	3-1	305	19,468	3 9	764
Marian	RH	4-5	305	18,431	4.0	736
Benuel F. Stoltzfus						
Roxy	GrH	8-8	253	22,789	3 3	762
Bena	GrH	3-10	305	18,331	3 8	701
Donald B. Trimble						
6	GrH	4-8	299	20,301	3 8	762
John W. Martin Jr.						
41	GrH	3-11	305	16,307	4.7	762
Hiram S. Aungst						
Natalie	RH	4-9	305	18,427	4 1	761
Red Knob Farm						
100	GrH	4-4	299	17,394	4.4	761
98	GrH	4-5	305	17,398	4 3	752
91	GrH	4-9	305	18,193	4.1	741
177	GrH	6-9	305	17,847	4.0	714
169	GrH	3-3	305	17,848	4 0	705
Paul N. Brubacher						
196	RH	6-5	305	16,947	4.5	761
Harvey W. Stoltzfus						
Margo	RH	5-10	305	16,599	4.6	761
Donald B. Miller						
Mabel 13	GrH	7-4	305	21,185	3 6	760
Barb 8	RH	8-3	285	20,255	3 6	736
Neff Brothers						
Moochel	GrH	5-7	305	17,472	4 3	759
Kit	GrH	5-8	305	20,469	3.7	755
J. Harold Musser & Son						
98	RH	2-11	305	15,384	4.9	759
51	RH	9-9	305	19,367	3.8	743
Long Acres Farm						
36	GrH	3-1	305	16,664	4.5	758
Running Springs Farm						
Sunny	RH	5-11	305	19,865	3 8	757
Carrie	GrH	3-9	305	16,035	4 5	724
G. & J. Hershey Bros						
Lottie	RH	6-4	305	18,631	4.1	756
Vesta	GrH	5-?	305	17,528	4.1	710
Ivan S. Stoltzfus						
Kate	RH	7-11	305	22,597	3.3	755
Noah K Beiler						
Ellen	RH	9-8	305	21,316	3 5	753
Lenewood Farm						
Ione	RH	3-10	305	19,037	4.0	752
Jonas S. Beiler						
Daisy	GrH	7-0	304	20,665	3.6	750
Spring Belle Farm						
Connie	RH	6-11	305	19,395	3 9	750
Ferncrest Farm						
262	GrH	7-2	305	17,206	4 4	750
H H. Haverstick						
Julie	RH	5-0	305	17,276	4 3	749
Jonathan M Zook						
1 Ada	GrH	5 3	305	18,124	4 1	747
J. Wade Groff						
Emily	RH	3-7	305	20,379	3.7	746
Kevin S. Smoker						
Maggie	RH	4-3	305	20,850	3 6	745
Pearl	RH	2-11	305	19,850	3 7	726
LeRoy S. Weaver						
Susan	GrH	3-1	305	21,800	3 4	744
C Rober Greider						
28	RH	4-2	305	19,874	3 7	742
Robert D Harnish						
Vic 121	RH	10-1	305	18,371	4.0	742
Heath 37	GrH	7-8	305	21,796	3.2	707
Creek Knoll Farm #1						
Dorcus	RH	3-2	305	20,485	3 6	741
James M Harnish						
Marie	RH	7-6	305	20,367	3.6	740
Agnes	RH	7-2	305	17,111	4 3	735
Pam	RH	4-4	305	20,107	3.6	727
James D Shertzer						
Robin	RH	4-6	305	16,832	4.4	740
Marvin K. Witmer						
Linda	RH	4-7	305	20,566	3 6	739
Malinda	RH	8-7	305	20,636	3.5	729
Emanuel S Fisher						
Mariann	RH	7-7	305	18,428	4.0	739
Parke H. Ranck						
Mildred	RH	3-6	305	17,767	4.2	738
John O Stoltzfus						
Ruth	RH	9-10	305	22,508	3.3	737
Karen	RH	4-3	305	17,852	3.9	705
Vernon R. Umble & Son						
Trix	RH	3-1	305	18,937	3.9	737
Trixie	RH	5-5	305	18,409	3.9	726
Lola	RH	6-0	305	18,934	3.8	718
Karen	RH	4-2	305	17,853	4.0	714
Paul S Sauder						
Elsie	RH	11-9	305	20,480	3.6	736
Paul S Horning						
Cher	RH	6-9	305	20,031	3 7	736
David S. Zimmerman						
132	GrH	7-5	305	20,475	3 6	735
Earl & Steven Neff						
Lucy 35	GrH	5-4	305	20,528	3 6	734
Wilmer R Martin						
Cora	RH	6-9	305	21,812	3 4	733
Riehlee Farm						
A 1	RH	10-9	305	18,154	4 0	732
Spring Lawn Farm						
23	RH	4-8	305	20,282	3 6	730
Rhelda & Lynn Royer						
Jessie	RH	12-8	267	17,620	4 1	730
James W. Bowman						
Jan	GrH	6-5	305	17,515	4 2	730
Ray P. Bollinger						
Jubille	GrH	5-10	305	18,521	3 9	729
Elmer H. Weber						
Loraine	GrH	5-9	305	18,351	4 0	729
Earl N. Landis						
Anthena	RH	3-9	305	23,314	3 1	728
Ashevale Farm						
Molly	RH	3-6	305	22,950	3 2	727
Walter C. Pownall						
200	GrH	3-5	305	19,101	3 8	727
Samuel F. Long						
Pansy	GrH	4-5	305	18,315	4.0	727
Romella Farms						
Loris	RG	5-6	305	14,017	5 2	727
Rachel	RG	3-2	303	16,407	4 3	703
Earl S. Weaver						
Tuts	RH	2-5	305	17,515	4.1	725
Aaron Lapp Jr.						
Carla	RH	6-11	305	19,837	3.6	724
Walter M. Hurst						
28	GrH	4-0	305	16,808	4.3	724
J. Wilmer Conrad						
Cookie	RH	4-5	296	19,355	3 7	723
Lynn	RH	4-11	305	19,312	3.7	716
Emanuel S Smucker						
Carmen	RH	5-6	301	16,160	4.5	723
Warren A. Schmuck						
Cocoa	GrJ	5-3	305	14,027	5 2	723
Harold S Musser						
87	GrH	4-5	297	19,264	3.7	722
90	GrH	4-5	305	19,259	3 7	720
Graywood Farms						
13	GrH	4-7	305	17,442	4 1	722
Brubacher & Martin						
13	RH	4-8	305	20,897	3 4	720
Ru Be Mar Farms						
22	RH	3-6	305	20,155	3 6	720
Clyde M. Buchen						
558	RH	4-8	305	14,691	4 9	720
David E DeLong						
111	GrH	5-1	295	20,588	3 5	718
Leon S Musser						
61	RH	4-9	305	19,368	3 7	718
John E. Glick						
Beulah	GrH	4-1	305	18,727	3 8	718
Donald M. Eckman						
Marsha	RH	6-11	305	23,323	3.1	716
Dons	RH	7-10	305	19,601	3 6	702
Ben S Stoltzfus						
Bird	RH	6-6	290	16,426	4 4	716
Norman B. Rutt-Son						
104	GrH	4-7	305	16,930	4.2	715
Nevin & Doneen Dourte						
Lorna	RH	4-2	305	19,882	3 6	713
Harry Zimmerman Jr						
Wendy	RH	4-1	305	17,541	4.1	713
John F. Petersheim						
30	RH	6-1	305	19,342	3.7	711
James Rutt						
106	GrH	3-11	305	17,346	4.1	709
Allen S Groff & Son						
84	GrH		305	16,893	4.2	709
A Dale Herr						
22	GrH	4-6	305	18,354	3.9	708
Tom & John Harnish						
Olga	GrH	3-7	305	17,255	4.1	707
Thomas & Larry Aaron						
302	RJ	4-10	305	11,440	6 2	706
Robert L. Sensenig						
1	GrH	4-5	305	18,392	3.8	705
Jay E Landis						
Lisa	RH	9-10	242	17,486	4 0	705
Ivan M. Hursh						
Tulip	GrH	6-0	290	17,176	4.1	704
Marvin R. Sauder						
Teresa	RH	6-10	297	18,492	3.8	703
Elmer & Kerry Boyd						
Dolly	RH	5-3	305	18,688	3.8	702
Thomas C. Lapp						
Robin	RH	9-4	305	16,276	4 3	702
Marvin Reiff						
Lena	RH	5-8	305	20,790	3.4	701
David R. Stoltzfus						
57	GrH	2-11	305	20,041	3.5	701
Robert M. Mylin						
48	H		305	19,923	3 5	701
Dan S Stoltzfus						
Coni 182	RH	5-6	293	16,561	4.2	701
Nelson H. Hershey						
17	RH	6-2	294	15,959	4.4	701
Glenn C Hershey						
Terk	RH	5-10	305	17,305	4 0	700

MADISON® SILOS...

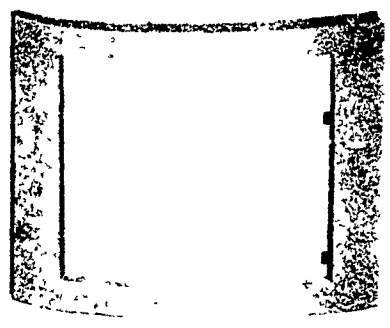
CHECK THESE IMPORTANT AND INNOVATIVE MADISON® BENEFITS

Madison's new fiberglass one-piece door assembly provides greater strength so your new silo doors will last longer and cause fewer problems Because the fiberglass door is curved, your unloader will operate more freely and efficiently Chipper wheels aren't obstructed as they are with the old fashioned flat wood doors

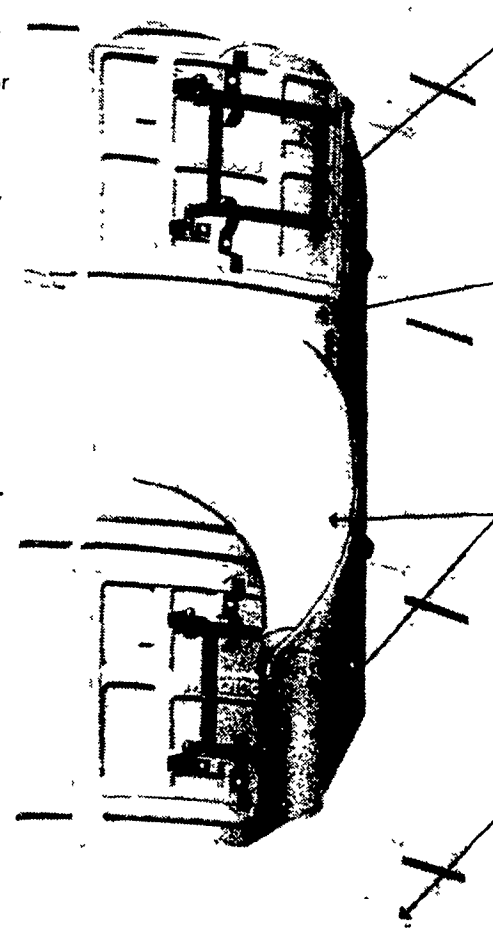
This exclusive new Madison door is nearly 1/3 square foot larger so access is easier, and changing the discharge chute can be accomplished more efficiently You'll love it!



The fiberglass door is engineered to give a positive fit in the curved reinforced concrete door frame.



Order your new 1983 Madison Silo with curved one-piece fiberglass doors today.



New Fiberglass Door. No wood to dry out and rot away. No nails or staples to rust and break. Hinge and steps are welded heavy flat-stock, two locking handles, dip painted.

Madison curved door frames are molded concrete, steel rod reinforced, tamped and steam-cured to be extra strong.

Madison zipchute™ large 12" diameter chute. Large hood opening for unrestricted flow pattern. No attachment collar, transition conduit section to drop.

New 38" wide built-in chute. Each section is built into the silo and overlapped. This reduces feed hang-ups and water leakage

Before you buy any silo, you owe it to yourself to investigate these and the many other Madison silo advantages.

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MADISON SILO CO. OF PENNSYLVANIA

1070 Steinmetz Rd., Ephrata, Pa. 17522 Phone 717-733-1206

Berks Co. DHIA

BERKS COUNTY, DHIA
May, 1983

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Charles&Tim Kissling	3	68.7	86.4	21,140	830
Plushanski Farms Inc	B3	113.8	88.1	21,015	776
Heindel Farms	3	28.4	86.8	19,000	764
Mark A. Wolfskill	3	94.2	85.0	19,495	718
Mertz Brothers	B3	45.8	84.6	19,692	717
Junge Farms	3	61.5	86.3	18,472	708
Ken&Robin Wolfskill	B3	45.5	86.3	19,355	708
Forrest C. Stricker	B3	59.2	84 4	18,472	703
Zahncroft Farm	3	48.7	85 2	18,514	700
Stephen J. Janos	3	31.5	87.3	19,320	699
Good Bros.	B3	60.3	87.9	19,597	689
George S. Troutman, Jr.	B3	67.1	89.3	18,781	686
Bendy Brook Farm	3	48.7	84 5	19,851	682
Donald B. Duncan	B3	101.5	84.9	17,203	678
Reu Hel Farms Inc.	3	50.7	87.2	18,747	672
David L Schrack	B3	104.8	86.1	17,135	672
Mervin Brubaker	B3	67.3	87.4	19,012	670
Ralph & Ken Sanner	B3	71.3	87 4	18,652	666
Robert E. Kopfer	B3	45.8	90.6	18,700	662
Kenneth H Wenger	B3	72.1	87.8	19,149	659
George Schuler	3	53.1	87.5	17,939	649
Ray E. Bicksler	3	47 3	87.7	16,554	644
Clarence B. Kulp	3	67.7	85.2	17,633	644
Yost Brothers	B3	113.9	87.5	17,698	640
FM Browns Sons Inc	B3	91.8	88 7	18,995	636
Scattered Acres Inc	B3	140.5	84 0	17,593	635
Glenn R. Harnish	B3	88 5	87 5	17,754	635
Martin Moyer	B3	49.2	82.9	16,795	633
Roger S. Buch	3	47.7	84 0	17,490	633
Frank G Gromlich	3	56.1	88.9	16,854	633
R Bernell Burkholder	B3	40.9	87.2	17,009	632
Heindel Farms Inc	1	24 8	84.8	15,126	632
R.R. Troutman & Sons	B3	118.9	86.4	17,912	631
Richard A. Bleiler	B3	55 4	86.9	18,849	630
Leroy E. Howard	3	138.1	89.8	17,377	629
Fred J Walters	B3	68.5	87 0	17,319	623
Irvin G. Weaver	B3	45 6	88 0	17,225	622
Ker Min Farms	3	77 1	90.2	16,875	621
Ernest O. Miller	B3	195.1	86 0	17,183	620
Swatara Dairy Farm	3	79.5	83 7	15,680	617
Vista Grande Farm	3	83.0	86.5	16,953	616
Mat Mar Farms Inc	3	85.7	87.1	17,122	616
George E. Moyer	3	96 2	85.5	16,167	616
Barry L. Burkholder	B3	48 6	83.0	17,579	616
Lawrence Kieffer	B3	70.7	87 3	18,935	613
Red Fever Farm	B3	62 3	86.1	16,259	613
William G. Howerter	3	88.3	89.6	17,452	613
Linden Loch Holstein	3	58 7	86.9	16,684	612
Ontelynn Acres	B3	113 2	87.0	16,025	608
Tulpa-Canal Farm	B3	33 4	87.4	16,705	606
Andrew D. Stoltzfus	B3	148 4	84 5	16,847	605
Merlin J Grube	B3	39 5	88.3	15,652	605
Meadow Spring Farm	B3	38 4	80.5	16,250	605
Robert C Creisbach	4	77 0	84 4	13,003	604
Retland Farm	3	48 2	88 0	17,003	602
William C. Adams	3	92 6	87.5	15,231	601
Show Top Farms	3	149 1	89 6	16,530	601
Lynn E. Stoudt	B3	63 2	82.4	17,460	601
Gary L Kurtz	4	6.0	85.0	11,528	600
Lynnacres	3	144 8	88 4	16,797	600
Paul B Martin	B3	57 0	84.6	17,928	600
Ranshar Farms	B3	51 2	80.0	16,873	600
E Daniel Leatherman	B3	66 4	87 3	17,218	599
Leonard G Stoltzfus	3	49 6	89 9	18,503	599
Harold Fenstermaker	3	34 4	87 8	15,383	599
Larry L. Mertz	B3	92 2	87 6	16,238	597
B & K Grimes	B3	120.3	88 8	15,304	597
Alton Rohrbach	B3	47 5	87 8	15,942	597
Arlan Krick	B3	66.5	89.1	15,659	597
Don Aloan	B3	44.9	82.6	16,027	596
Way Har Farms	B3	108 6	87 0	16,824	595
Pinnacle View Dairy	B3	49.4	87 1	15,931	593
Robert L Sattazahn	B3	100 3	88.3	16,434	591
Charles D Moyer	B3	119.6	83.9	15,942	591
Charles W Lamm	B3	95 2	86 5	16,637	590
Harold Schuler	3	30 0	89 3	16,172	590
Raymond B Nolt	B3	81 4	85 6	16,139	590
Udder Valley Farm	B3	72 5	84 7	15,822	590
Daview Farm	3	60 9	84.0	16,018	589
Robert T. Bowman	B3	44 8	84 3	16,719	589
Herb Top Farms	B8	27.6	85.8	15,673	589
Richard W. Hoppes	3	57.8	87 5	16,325	585
Harvey C. Krill, Jr.	B3	48 3	87.7	16,091	585
Wilmer Hurst	B3	50 1	83 6	14,781	584
Win-Dale Farm	4	47.3	88 7	11,751	583
Raymond A. Seidel	3	33.1	85.6	16,527	582
Wilmer Dreibelbis	B3	56.7	85.8	16,223	582
Ridge Crest Farms	B3	43.4	84.7	16,203	581
Robert Yanos	G3	60.6	88.2	15,415	580
Mark & Debra Johns	3	41.7	89.2	15,642	579
Carl E. Hollenbach	2	55.4	82.4	12,678	577
David J. Williams	B3	41 7	83.6	15,916	577
Leon Sensenig	B3	55.1	88 9	16,299	577
Donald Burkholder	G3	90.4	85.9	15,801	577
Daniel J. Harnish	B3	91.9	84 0	15,896	576
Pine Brook Farm	3	104.1	86.0	15,546	576
Terry Kunkel	B3	40.1	85.0	16,808	575
Ken & Debra Dietrich	B3	40.1	85.0	15,807	574
Marlin J. Stutzman	B3	59.6	89.7	15,035	573
Ray W. Seidel	B3	34.4	86 8	15,018	572
Charles W. Wagner	B3	45.7	89.2	16,063	572
Tim Kleinsmith	B3	37.6	87.4	17,913	572
David Y Knauer	B3	52.5	83.9	15,541	571
Ernest C. Hoffman	3	54 6	88.3	15,576	571
Ronald L. Richard	3	45 6	84.7	17,630	569
William Mitchell	G3	31.2	87.2	15,934	569
John H. Stump	3	50.9	84.5	15,794	568
Nathan Nolt	B3	52 9	84 8	15,499	568
Clyde Loump	B3	55 7	87.1	15,370	567
Arthur D. Schlappich	B3	59 1	84.7	15,880	567
Kenneth Zook	B3	42 1	86.4	18,072	567
Bruce D. Cammauf	B3	18 9	81.1	16,455	567
Glenn B. Gockley	B3	42 5	85.1	15,705	565
Floyd Kurtz	B3	45 1	84 5	16,174	564
Blue Mtn. Academy	B3	117 7	88.4	17,082	564
Clarence C. Sattazahn	B3	94.5	89.2	16,063	564
Tom Werley	B3	81.0	84.8	15,451	562
Lester Burkholder	B3	90.1	87.7	15,538	560
Phillip Wisser	B3	30.1	87.7	15,882	557
John F. Snyder	B3	53.3	86.0	16,224	557
Wilson M. Balthaser	B3	70 3	84.4	15,158	553
Harvy M. Weaver	G3	51.6	80.1	15,375	553
Arlan D. Davis	B3	33.4	84.5	15,651	551
Roy Hoppes	B3	40.3	81.8	14,767	550
Hylark Farm	3	82.2	87 4	14,418	550

Sale Reports

The Ephrata Mennonite School held their second annual benefit on June 18 at the school north of Ephrata on Schoeneck Road in Lanc. Co., Pa. There were approximately 500 people attending the sale.

Some prices were: 3-D picture of the Ephrata Mennonite School $2100, Covered Bridge quilt $1800, School quilt $800, Red Bird quilt $500, Dahlia quilt $470, Giant Dahlia quilt $350, new lawn mower $410, toy tractor set $95 and cradle and doll set $70.

Auctioneers were John Martin, Paul Martin, Merle Eberly, Charles Bachman and John Stauffer.

XXX

A Public Auction of real estate was held June 13 by Harold Ray and Thelma H. Burkholder, R.D. 2, Girl Scout Rd., Denver, Pa.

The brick and frame bi-level dwelling with 3 bedrooms and garage was sold for $48,000.

Auctioneers were John E. and Paul E. Martin.

XXX

A Public Auction of real estate and antiques was held June 18 for the Verna Mengel Estate along old Rt. 61, Shoemakersville, Berks Co., Pa.

The 9.56 acre farmette with a 2 story perma-stone barn, 2½ story perma-stone house, 2 story block garage, and 3 large pole sheds was sold for $73,500. The 21.4 acres of prime land with 1476 ft. road frontage was sold for $44,000 and the 3 bedroom stone rancher with 2 door garage was sold for $81,500.

Other prices were: J.D. #111, 11 HP. riding mower $1575, set of 6 half spindle back chairs $270, 2 Victorian style chairs $460, 1967 Buick Electra $3500, oval marble top table $470, square marble top table $310, oak roll top desk $800, library table $180, Zenith console TV set $590, gas generator $900, chest freezer $260, G.E. electric stove $210 and G.E. refrigerator $350.

The auctioneer was Kenneth P. Leiby.

A Public Sale of personal property was held June 18 by Curtis and Helen Heberling, 929 Hilltop Rd., Myerstown, Pa.

Some prices were: living room suite $680, stereo console $220, garden tractor $520, McCullock 10" chain saw $50, Franklin stove $70, Kerosene heater $82, crock $9 and 16 ga. single shotgun $40.

Auctioneers were Copenhaver & Weik.

XXX

A Public Sale of 140 cows and heifers was held June 14 by Tom and Donna Kolb, 1516 FSK Highway, Keymar, Maryland.

The top cow sold for $1350 and other fresh cows ranged from $800 to $1300. Fresh heifers sold between $400 and $1000.

Auctioneers were Randy Ruby, James G. Trout and Martha Strawsburg.

XXX

A Public Auction of personal property was held June 17 by Henry J. Stambaugh, rear of 846 York Street, Hanover, York Co., Pa.

Some prices received were: Jennie Lynn sporting carriage $400, water ram over $100, cider press (incomplete) $50, 52" saw blade over $100 and 1912 gas engine $210.

Jim Crawford was the auctioneer.

XXX

A Public Sale of antique engines and gasoline engines was held June 18 by William E. Burke, 2800 Lawndale Rd., Finksburg, Md. A good sized crowd attended.

Some prices received were: Case 60 HP steam engine $4000, 12-20 cross-motor Case tractor $1200, 4 HP Associated gas engine $500, Fairbanks Morse gas engine $360, Int. gas engine $125, 1936 Ford truck $300, 7¼ HP garden tractor $125 and magnetos for gas engine $50 to $75 each.

Auctioneers were Stewart K. Wisner and Maurice Wentz.

XXX

A Public Sale of farm tractors and cars was held June 18 by Gilbert L. Mitzel, 5½ miles northwest of Stewartstown, R.D. 2, York Co., Pa.

Some prices included: 5 sp ½" drill press $175, 2 snap-on tool boxes $220 each, 1950 Chevy Coupe car $400, 1959 2-door Ford sedan $385 and 1 Farmall M & 3 Farmall H tractors $500 to $675 each.

Auctioneers were Bob & Tom Sechrist.

XXX

Public Auction Register

Closing Date - Monday, 5:00 P.M
of each week's publication

JUNE

SAT. JUNE 25 - Colonial World Class Sale. Located at Stone-Del Charolais Farms, Hartville, Ohio. The Colonial Charolais Association. Managed by Buzz Garey, Gary Cattle Sales, Inc., 100 Walnut Lane, Morrisville, PA 19067

SAT JUNE 25 - Public Auction of Iron Working Tools, Accessories and Hardware Located at 873 S Railroad St, Myerstown, Leb. Co, PA. David King, Owner. Earl Buffenmeyer, Auctioneer.

SAT. JUNE 25 - 9 AM Public Auction of Real Estate, Farm Equipment, Tractors, Corn, Straw, Hand and Barn Tools, Antiques and Household Goods Located along Anchor Rd, R.D. 1, Washington Boro, Manor Twp., Lanc Co, PA, take Rt. 999 west of Millersville to Central Manor Store, turn left and go to Anchor Rd and turn right to sale Lizzie S. Sauder Estate. Howard Shaub and Roy C Probst, Auctioneers.

SAT. JUNE 25 - 9 AM Public Auction of Real Estate, Farm Equipment, Antiques and Households Located on Rt 443, approx. 1 mi east of Rt. 183 and 443 intersection in RD 3, Schuylkill Haven, Sch. Co., PA. Estate of Edward Kramer. Jay Riegel, Jr., Auctioneer.

SAT. JUNE 25 - Public Auction of Chippers, Line and Const. Equipment and Vehicles. Located in Edison, NJ. Vilsmeier Auction Co., Inc.

SAT. JUNE 25 - 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc., Rt. 555, 3 mi. east of Middleburg, PA, 5 mi west of Selinsgrove, PA. Don and Walt Keister, Owners. Ray Long and Dave Imes, Auctioneers.

JELLISON FARMS DISPERSAL

Rt. 1 Watertown New York
FRIDAY, JULY 1, 1983
9:00 A.M.
450 HOLSTEIN DAIRY CATTLE
MACHINERY, REAL ESTATE

CATTLE: 320 Head of Hi-Grade Holstein Freestall & tie stall milk cows and Bred Heifers. These cattle are grouped to production with the High group of 38 cow averaging 82 lbs. of milk per day. The whole head in averaging close to 50 lbs. per day. The cattle will be vet checked and tested ready for interstate shipment the day of sale.

130 head of Holstein open heifers and started calves.

MACHINERY: (6 tractors) White 2-135 Diesel 4 wheel drive tractor w/cab and dual wheels (1750 hrs. like new), A.C. two twenty Diesel, Case 1410 Diesel w/loader, (2) Case 1210 Diesels I.H. 450 gas.

SPECIAL NOTICE: J.D. 5440 self propelled diesel chopper w/4 wheel drive, air con. cab, 3 row corn head, 7' hay pickup, 3 row snapper head (used 3 seasons.).

6 row A.C. 330 corn planter, I.H. 55 chisel plow (11 shank), McConnell lift type spring tooth (16'), I.H. 485 lift type disk harrow w/hydraulic pickup wings (20'), Case field cultivator (24' new), J.D. 16 run grain drill, Ford 5 bottom semi-mounted auto-reset plow, John Blue Anhydrous 6 row chisel applicator, Dodge 600 truck w/mounted boom sprayer and 1000 gal. fiberglass tank (ready for the road), N.H. 273 baler w/thrower, (3) bale thrower wagons, Little Giant elevator 48' (new), HESSTON HYDRO SLING model 1014 haybine 14' cut (new), I.H. 105 tandem chopper wagon, Dion tandem chopper wagon, (3) I.H. 120 chopper wagons (new), I.H. 110 chopper wagon, Gehl "99" blower (new), I.H. 56 blower, 40' Mayrath 6" corn auger on wheels, Kilbros grain wagon w/auger, I.H. 10 flail chopper, I.H. 595 tandem spreader w/hydraulic gate, feeder wagon (wood), Heland manure pump and agitator, 7 ton grain bin.

SPECIAL NOTICE: Case 1835 Diesel Skid Steer loader (1 yr. old), Bauer Slurry irrigation pump (PTO) and 3600' of 5" aluminum irrigation pipe w/trailer for storage and moving, used to pump manure pit. Jamesway Barn cleaner unit & 280' of chain for 16" gutter (new), Niagara 15000 watt alternator.

Real Estate For Sale At Private Treaty: 700 acre dairy farm w/300 plus free stalls barn, 4 silos, milking parlor, good home in excellent location just off the interchange of Exit 44 Interstate Rt. 81.

TERMS of the sale are cash or good checks. Out of state buyers must have bank reference.

Owners
RICHARD & JUDY JELLISON

Location: Farm is located about 5 miles S.W. of Watertown N.Y. about ½ milk from Exit 44-interstate Rt. 81 on the Old Rome Rd.
Sale conducted by
BAST'S LIVESTOCK EXCHANGE
Watertown N.Y.
Lawson Bast (315) 788-5180 788-7827 home
Arlow Kiehl Auctioneer (315) 788-1736
Roy Hottle Auctioneer (607) 687-1340

P.S. This is a very large sale, please note the starting time of 9:00 A.M. There are no small tools "be on time." The Sale order will be: Farm Machinery 9:00 A.M. - Dairy Cows 11:00 A.M. - Open heifers and started calves last. Sale held under tent. Lunch will be served all day w/free coffee & donuts.
"Don't miss this sale. Everything is excellent quality."

Public Auction Register

Closing Date - Monday, 5.00 P.M of each week's publication

SAT JUNE 25 - Annual Summer Auction of Used and New Farm Equipment by Ag Industrial Equipment Co , 1207 Telegraph Road Rt 273 Rising Sun, MD

SAT JUNE 25 - 11 AM Public Auction of 8 81 Acre Property, Household Goods, and Tools located along Mt Airy Road between Mt Airy and Hopeland, Clay Township, Lancaster County, Pa Auction by Antonius A Kiehboom, John E and Paul E Martin, Auctioneers

SAT JUNE 25 - 12 Noon Public Auction of Bred Gilts and Boars Located at the Lebanon Area Fairgrounds, Cornwall and Evergreen Rds , 1½ mi south of Lebanon, PA Leon and Lawrence Arnold. Mike Jones, Auctioneer

SAT JUNE 25 10 AM Public Auction of Truck, Farm Machinery and Tools Located at RD 1, Seven Valleys, off of Rt 616 between Glen Rock and Seven Valleys opposite the Larue AMP plant Millard E Miller, Owner Charles L Wehrly and Son, Auctioneers

SAT JUNE 25 10 AM Public Auction of Equipment and Misc Items Located from Rt 30 in Gap, take Rt 41 south 1 mi to Turkey Hill Minit Market, turn left on Strasburg Rd and go 2½ mi to sale on right Jake Smucker, Owner John S Stoltzfus, Auctioneer

SAT JUNE 25 - 9 AM Public Auction of Large Doll Collection, Antiques, Collectables and Coins Located at 180 W Main St , Leola, PA, along Rt 23 between Lancaster and New Holland Beatrice E Keylor, Owner T Glenn Horst, Auctioneer

SAT JUNE 25 1 PM Public Auction of Real Estate Located in Juniata Co along Shade Mt Long Bros , Auctioneers

SAT JUNE 25 9 30 AM Public Auction of Gas Engine, '72 Honda 175, Station Wagon, Guns, Rifles, 300 Savage and Gun Rack Located in the Manheim Farm Show Building, Adele Ave , Manheim, PA, rear of Sr High School Morris H Shaffer, Owner C H Wolgemuth and H Shaffer, Auctioneers

SAT JUNE 25 - 1 PM Public Auction of Woodland Tracts Located taking Rt 22 west of Huntingdon approx 6 mi or east of Alexandria 1½ mi and turn north at the Agway Store onto Macadam Rd , travel approx 1 mi and turn right onto Twp gravel road approx 1 mi , after building turn right onto the property lane Aaron Horst and Irvine Good, Owners Randal Kline, Lloyd Kreider and Roy Good, Jr , Auctioneers

SAT JUNE 25 - 9.30 AM Public Auction of Tools, Antiques, Paneling, Household Goods and Etc Located ½ mi west of New Bloomfield, Perry Co , on Cold Storage Rd Raymond Copenhaver, Owner Shull, Auctioneer

SAT JUNE 25 11 AM Public Auction of Farm Machinery, Trucks, Trailers and Industrial Equipment Located along Rt 725, just off Rt 690 4 mi south of the 7 Eleven Store at the junction of Rts 7 and 690, Purcellville, VA Windlewood Farms, Owner Trout Auctioneers, Inc

SAT JUNE 25 1 30 PM Public Auction of Real Estate Located 15 mi west of Bedford Turnpike interchange and 2 mi east of Pleasantville, off Rt 56 at Chestnut Ridge Market, Bedford Co , PA, at the late Dr J H Kniesley farm (Hays Farm) Stanley Claycomb, Auctioneer

SAT JUNE 25 9 30 AM Public Auction of Household Goods, Antiques, Guns, Farm Machinery, Tools and Real Estate Located 9 mi south of Selinsgrove, turn west off Rt 15 at Dutch Kitchen Family Restaurant, approx 2 mi., Port Trevorton Estate of Harry F Kinney Wayne M Hess, Auctioneer

SAT JUNE 25 9 30 AM Public Auction of Equipment Located ¼ mi east of Linglestown Square on Rt 39 T & R Electric Co , Owner Richard P McNeal, Auctioneer

SAT JUNE 25 - 9.30 AM Public Auction of Carnival Glass, Antiques, Furniture, Oriental Rugs, Car, Glass, China and Tools Located at 243 Monument Ave , Malvern, PA Estate of Stella Wack Hess and Moyer, Auctioneers

SAT JUNE 25 - 9 AM Public Auction of Guns, Antiques, Furniture and Tools Located on PA Rt 17 1 mi west of Ickesburg, Perry Co , on the road towards Blain Merle Baughman, Owner Klings Auction Service

SAT JUNE 25 9 AM Public Auction of Equipment, Tools, Truck and Banquet, Household, Camping, Outdoor, Hospital Equipment Located at 1515 Market St , Camp Hill, PA Norman Barr, Owner Kerry Pae Auctioneers

SAT JUNE 25 - 11 AM Public Auction of Cattle, Machinery, Equipment, Seeds, Herbicides, Preservatives, Seman Tank and Milk Equipment Located on Laurel Hill 3 mi west of Milan, PA 4 mi west of Ulster, PA, 7 mi east of East Smithfield, PA, Bradford Co Arthur and Joan Gover, Owners D O Rockwell and Associates, Auctioneers

SAT JUNE 25 10.30 AM Public Auction of Farm Machinery and Equipment Located at intersection of Dawson Rd and Nolans Corners on La Branche Rd , approx 1 mi in off of NY Rt 22, North Hillside, NY Knox Trail Farm, Owner Luther's Livestock Market, Auctioneers

SAT JUNE 25 - 11 AM Public Auction of Cattle Located on Rt 90, Homer, NY Adams Farms, Owner Jack Wood's Livestock and Auction Service

SAT JUNE 25 - 10 AM Public Auction of Real Estate Located in White Deer Twp , Union Co , 3 mi west of the village of White Deer or New Columbia, RD 1, PA Amy M Schell Estate George Deitrick, Auctioneer

MON JUNE 27 Public Auction of Cattle Located at the farm, near Ghent, NY Fleetwood Angus Ltd Col Jack Parnell and Col Mike Jones, Auctioneers

MON. JUNE 27 - 5 PM Public Auction of Antiques, Household Goods, Tools and Coins. Located approx 1 mi north of Hopeland on Mt Spring Rd , Clay Twp , PA, Rt 322 West of Ephrata to Clay Rd to "T" turn right onto Hopeland Rd and left onto Sun Valley Rd , left onto Mt Spring Rd Clarence Schwebel, Owner T Glenn Horst, Auctioneer

TUES JUNE 28 - 5 30 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneers

TUES JUNE 28 5 30 PM Public Auction of Candle Making and Novelty Items Located along North Muddy Creek Rd., Rt 272 north of Zinn's Diner turn 1st road north, East Cocalico Twp , PA Amos B Hoover, Owner T Glenn and Timothy G Horst, Auctioneers

TUES JUNE 28 - 12 Noon Public Auction of Grain Drying and Storage Facilities Located at Devilridge Farm along Rt 713, at Rectortown, VA, approx 10 mi. NW of Marshall, VA, via Rt 710, and approx. 15 mi SW of Middleburg, VA via Rt 713 Ralph Farrace, Owner Trout Auctioneers, Inc

WED JUNE 29 - 9 AM Public Auction of Concrete Paving and Excavation Equipment Located at Roecker Bros ' Shop and Yard Facility at 1050 W Jefferson in Morton, IL Vilsmeier Auction Co , Inc

WED JUNE 29 - 10 AM Public Auction of Lumber and Woodworking Machinery. Located at 806 E Main St., Norristown, PA. Clay C Hess and Richard J Moyer, Auctioneers.

THURS JUNE 30 - 7 PM Public Auction of Farm Located approx. 2 mi south of Elverson, just off Rt 82, West Nantmeal Twp , Chester Co PA Amos S and Lydia Fisher Owners Elton Horning, Auctioneer

JULY

FRI JULY 1 - 9 AM Public Auction of Cattle, Machinery and Real Estate Located about 5 mi southwest of Watertown, NY, about ½ mi from exit 44 interstate Rt 81 on the Old Rome Rd Jellison Farms Dispersal Bast Livestock Exchange Arlow Kiehl and Roy Hottle, Auctioneers

SAT , JULY 2 - Public Auction of Antiques, Tools and Personal Property Located along Bowmansville Rd , 1½ mi north of Bowmansville Lester Gehman and Mamie Musser, formerly Silas Gehman Property Owners Randal V Kline, Lloyd H Kreider and Roy Good, Jr , Auctioneers

SAT JULY 2 - 10 AM Public Auction of Tractor Old Train Sets, Antiques, Collectibles and Misc Items Located going south from Red Lion to Felton, York Co , PA, go across bridge at A H Grove's Garage and then turn left, then immediately turn right on Seitz Ave , 3rd farm on right on Seitz Ave Mr and Mrs. Oscar Fox, Owners. Preston E Chronister and Sons, Auctioneers.

SAT JULY 2 - 10.30 AM Public Auction of Furniture and Antiques Located at Rt 213, Galena, MD Harry Rudnick and Sons, Auctioneers

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FEATURING FIRST AND THIRD MONDAY EACH MONTH

GRADED FEEDER PIG SALE

1:30 p.m. Sharp!

Telephone 302-734-2016 or 284-4541

Tele-O-Auction - 302-284-4912

* Tele-O-Auction - Bid over the telephone.
* Easy to reach - Rt. 13, on South Bound Lane, approximately 10 miles South of Dover, Delaware.
* Quick Service - Load & Unload.
* No Dealer pigs
* Pigs received after 7 a.m. until 11 a.m.
* Consignors - Paid day of sale.
* Veterinarian inspection on premises - Dr. Towers.
* State Graded.
* Pseudorabies Free State.

Auctioneers-Harry Barrett - Chester Lee Carroll

AUCTIONS OF ALL TYPES

PUBLIC AUCTION

Val. Real Estate, Household Goods, Antiques, Collectors items, Wheel Horse tractor, etc.

Monday, July 4 1983

starting 9 A.M.

Located at 107 Green St. Muncy, Pa.

Full line of household furnishings inc 9 pc mahogany dining room suite appliances dining & living room furniture etc Gov Winthrop desk old wood wall telephones other antiques etc Wheel Horse 552 tractor 32' rotary mower 30 snow blower 30 reel mower enclosed cab etc 42' snow blade 32 aireator 32' roller etc above all Wheel Horse 20 lawn sweeper 21 ' sp rotary mower ladders 30 wood lathe 18" jig saw 7 bench saw lots of other tools etc Real Estate 1 PM dbl wide town lot w/a beautiful 7 room (3 bedroom) block stone faced home w/2 car garage Must be seen to be appreciated ready to move into

Owner,
HELEN HOFER
P.O.A.-G. Robert Hofer

Conducted by Fraley Auction Co.
Tent-lunch

AUCTION

H.H. GOODS, COLLECTABLES, ANTIQUES

Tues., June 28

6:00 PM

At: Hatfield Gallery Auctions Fairgrounds Rd., Hatfield

Oak sideboard w/fancy mirrored top, ice chest, oak chairs & others, pie safe, wood cabinet clamps, Ediphone, hand drill press, tools, train set, 5 ton chain hoist, floor jack, assorted tables, dressing table, typewriters, toys, canning jars, porch rocker & loveseat, air conditioner, sandstone, general store seed bin w/drawers, glassware, boxed lots, and much more.

Terms: Cash

Paul F. Derstein
Auctioneer
368-6646

PUBLIC SALE

From Interstate 81 South of Martinsburg, W.Va., Take Exit #5 (Inwood, W.Va.) Route 51 East approximately 3½ miles to Shutts' Cash Grocery (formerly Haines') Turn right - .2 of a mile to sale -- OR -- From Charles Town, W.Va., Take Route 51 West - Go approximately 8 miles to Shutts' Cash Grocery - Turn left - .2 of a mile to sale on

MONDAY, JULY, 4, 1983

At 9:00 A.M.

Approximately 20 - 25 Tractors – Including Cubs, Fords, John Deere, Internationals, Fergusens and many other makes. Also – We will be offering a good selection of plows, cultivators, wagons, new and used rotary cutters, 6 and 7 ft. blades, post hole diggers, discs, wood saw, rakes, balers, grain elevators, corn planters, corn pickers, and many other farm related articles too numerous to list.

We will also be offering a good selection of new and used tools, some household articles, canned goods, hams, and other food items, some antiques, and other miscellaneous items.

CUZ of Pa. will be here with tapestries, watches, and sewing material.

TERMS: CASH. Nothing to be removed until settled for. ID required to receive bidding number.

EDGAR A. BOHRER
Sale Manager
304-229-8354

Auctioneers: Bohrer and Miller
Clerks: Bohrer and Bohrer

NOTE: THIS IS A CONSIGNMENT SALE. Let us turn your unused farm articles, household articles and antiques into cash for you. If you are considering having an auction, please contact us. We would be pleased to serve your needs.

ORDER OF SALE: Small items - Tools, household articles, food items, etc. will be offered promptly at 9 a.m. TRACTORS AND EQUIPMENT will be offered promptly at 1:00 p.m.

NOT RESPONSIBLE FOR ACCIDENTS ON PREMISES
LUNCH RIGHTS RESERVED

PUBLIC AUCTION

WOODWORKING TOOLS, FERG. 30 TRACTOR & ATTCH., SOME ANTIQUES

at the late Boyd McCarty Home. 4 miles S. of Muncy, PA. Auction arrows off Muncy-Montgomery Rt. 405 highway at Brick Church.

THURS. EVE., JUNE 30, 1983

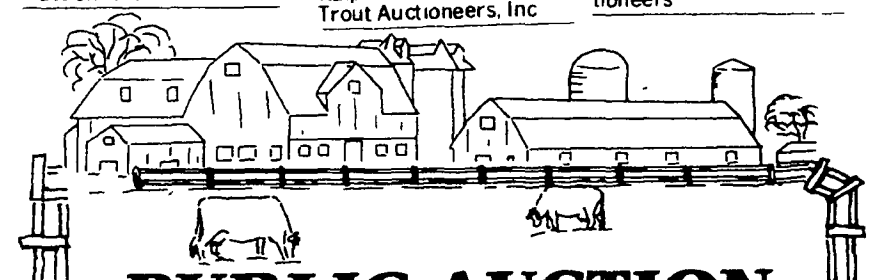
Starting 5 P.M.

Ferguson 30 utility gas tractor 3 pth new rubber real sharp PTO pully 2 14 ' 3 pth plows 3 pth wood saw 3 pth 7' blade 2 row 3 pth/cultivators 2 semi mowers manure loader harrows corn planter Colladay 12' jointer Wisc VG4D engine w/Rockford pto 24 jig saw 3/8 ' table top drill press 30' wood lathe, lathe tools 10 radial arm saw 4000 watt generator 18 chain saw bench grinder paint air compressor & guns bar & C clamps real good 175 lb anvil some air tools 1 hp router many other hand & other tools LUMBER inc large quantity of dryed cherry walnut maple etc sold in various lots 2 old wall telephones several wood ringing boxes clock parts flat top stove, wringer washers, 18 ' elec mower, much more etc

Owner
JENETTE McCARTY

Conducted by Fraley Auction Co.
546-6907

Lunch-Tent if inclement



PUBLIC AUCTION

SATURDAY, JULY 2, 1983 1:00 P.M.

2 Parcels

Location: Between Deep Creek Lakes & Oakland, MD., Farm is midway between Deep Creek Lake & Oakland, MD., on Route 219.

Parcel I

Approx. 65 acres dairy farm. Modern dairy set-up with stream through pasture. 36 stall barn with 46 free stall barn attached. Feeder bunk through center; attached overhead feeder, 16x50, 20x50, 12x32 Stave Silos. Large block heifer barn with feed & hay storage. Large block shop with additional machinery storage. Small shop.Land is ⅔ tillable, balance in pasture.

2½ story brick dwelling, 7 rms. with w/w carpeting. Bath, modern kitchen, attic & basement. Asphalt shingle roof. Attached garage, 2 porches. Heated by wood & coal furnace and/or oil fired hot water heat. Well water. Storm windows & doors. Picturesque setting with large shade trees & beautiful lawn.

Parcel II

Approx 116 acres with Springs. 30 tillable-50 pasture-36 woodland. Ideal recreation site. Located 1 mile South of Tract I. Right-of-way off Foster Road.

OPEN HOUSE-Sunday, June 26 1-4:00 P.M. or by appt. Phone: J.D. Kavanagh 301-387-5364.

TERMS & CONDITIONS: $10,000.00 Cash or Certified Check for each property, day of sale. Balance in 30 days. Possession day of full settlement.

OWNER: J.D. KAVANAGH, JR.
301-387-5364

AUCTIONEER: Robert Mullendore
SALE MANAGER: MELVIN KOLB, INC.
717-569-6800
569-2106

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT JULY 2 - 9 AM Public Auction of Guns, Antiques, Collectibles and Household Goods Located taking Rt 272 turn west onto 897 to Smokestown Rd, 2 mi east of Denver along Smokestown Rd, Lanc Co, PA Carrie Specht, Owner T Glenn and Timothy G Horst, Auc tioneers

SAT JULY 2 10 AM Public Auction of Anti ques, Household Goods and Old Tools Located in Al Starr Community Building, village of Willow Street, PA south of Lancaster along Northbound Rt 272 behind new fire hall Mrs Martha Herr and Eli E Harnish, Owners Howard Shaub and Roy C Probst, Auc tioneers

SUN JULY 3 - 10 30 AM Public Auction of Wagons, Horse, Cabin Lots and Etc Located 2 mi north of Estella on Vincents Farm, 5 mi north of Worlds End State Park, Eldredville

MON JULY 4 12 30 PM Public Auction of Cattle Located at Shippensburg Fairgrounds, Shippensburg, PA Cumberland Valley Jersey Breeder's Sale Ralph Horst, Auctioneer

MONDAY JULY 4 (Antique Sale) 9 00 AM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneers

MON AND TUES JULY 4 and 5 - 9 30 AM Public Auction of Primitives, Small Items and Oak and Misc Furniture Located at Troxelville Antiques, Troxelville, PA Joe Herman, Owner Mark J Jones and Dale L Longacre, Auctioneers

WED JULY 6 - 1 PM Firecracker Ayrshire Sale, Carlisle Fairgrounds, Carlisle PA, Milt Brubaker, Sales Manager

ABSOLUTE AUCTION
OF 10 ACRE FARM
THURSDAY, JUNE 30, 1983
at 7:00 P.M.

Located approx. 2 miles South of Elverson, just off Rt. 82. West Nantmeal Twp., Chester Co., Pa.

HOUSE - 2½ story, 5 bedrooms, full bath on 2nd floor, 1st floor has large kitchen, dining area, family room, plus 1 bedroom, also other storage area.

BARN - large bank barn, open stable plus several horse stables. Buildings are like new, only several years old.

LAND - 10 acres all open ground, small part pasture land with small stream flowing thru, remainder good farming ground; terrain mostly gentle slope.

TERMS: 10% down day of sale, 60 days settlement.

INSPECTION: Anytime by appointment.

Terms By:
AMOS S. & LYDIA S. FISHER
Elton Horning, Auctioneer
286-0135

PUBLIC SALE
TRACTOR, OLD TRAIN SETS, ANTIQUES COLLECTIBLES & MISC. ITEMS
SATURDAY, JULY 2, 1983
at 10:00 A.M.

Directions: Go South from Red Lion to Felton, York Co., PA. Go across bridge at A.H. Grove's Garage and then turn left. Then immediately turn right on Seitz Ave. 3rd farm on right on Seitz Ave. Watch for signs.

TRACTOR, GARDEN TRACTOR, SADDLES & MISC. ITEMS

9N Ford tractor w/2 speed rear, good rubber & paint, very good cond., tractor chains, J.D. 5 ft. rotary mower w/new blade & wrench, 5 HP David Bradley garden tractor w/reverse, 3 HP D.B. garden tractor w/mowers, D.B. brush saw w/extra blades, 3 sickle bar mowers for D.B. 2 Briggs & Stratton engines for D.B. tractors, 2 English saddles, good cond., market sleigh, misc. horse gear, 275 & 300 gal. kerosene tanks, 2 butcher kettles w/3 feet, butcher bench, puddin stirrer, 20 ft. alum. double ladder, ½ HP Craftsman motor, sprayer, 63 Corvair windshield, wheels & hubcaps, tools for dressing millstones, copper lightning rods & wire, gloves for lightning rods, lg. wooden pulley, 2 wooden wheelbarrows, stepladders, 3 prong fork, milk stool, 3 cross cut saws, log chains, lots of garden tools, 10 lb. sledge, free trimmers, lots of chicken wire, misc. wire, screw jacks, single trees, pipe, lots of lumber, firewood, elec. boxes, claw ft. bathtub, roofing pitch, & copper wire.

ANTIQUES COLLECTIBLES & HOUSEHOLD GOODS

Lg. 100 gal. copper kettle w/handle, lg. copper kettle, 2 sets of sleigh bells, 11 oil lamps-some dated, hanging oil lamps, 2 PA railroad lanterns, 2 Dietz carriage lights, lanterns, metal oil car light, wooden tub, Box wood chunk stove, beveled mirror w/oak frame, iron kettle w/oak frame, iron kettle w/handle, 2 old French bayonets, WWI helmet, set of book son history of WWI, WWI Bazooka shell, 4 fluting irons, comb case, salt crocks, scales, wooden slaw cutter, cigar molds, wooden plane, broad ax, debarking ax, mason hammer, iron cat dishes, wood piece dated 1921 from Central Sq. Market House, York, lg. old Grand Dad bottle w/serving stand, 2 miniature York Ice Machine, ammonia compressor and 1 VW compressor, weather vane w/horse, lg. collection of stone anchor play blocks, old Christmas balls, G.H. Lloyd bags, High Rock, PA, Superman comic books, organ pipes, carpet beater.p;d 78 record albums, 4 wooden serving trays, Lady Kenmore heavy duty auto. washer, G.E. elec. dryer, Sony port. TV, dehumidifier, dbl. pedestal desk & chair, elec. typewriter, Wallensak tape recorder, base cab., utility cab., 3 kerosene heaters, elec. heater & fan, bench, lamps, crocks, 5 poker pictures and jars, some dishes and many other misc. items too numerous to mention.

TRAIN SETS & ACCESSORIES

Lionel Std. ga. 10E freight train set, Lioinel Stl. ga. 33 passenger set, Lionel 246 O ga. freight set, 3 Marx metal train sets, 1 metal Haffner windup train set, Lionel OB Happy Huff N Puff plastic train set, misc. Amer. Flyer and Lionel Std. ga. cars, misc. O ga. Lionel cars, Ives passenger car, O ga. track, Std. ga. track, Amer. Flyer S ga. track, misc. track, Lionel illuminated station platform, 3 metal bridges, beacon & search lights, 13 Lionel metal street lights, 10 transformers & switches and many other items for the train collector.

Tractor & Equipment: 12:00 PM, followed by trains.
AUCT. NOTE: Come Early - No Junk
TERMS: Cash or Approved Check
Not Responsible for Accidents Day of Sale
Stand Rights Reserved

Owners,
MR. & MRS. OSCAR FOX
R.D. 1, Felton, PA 17322

Preston E. Chronister & Sons
Aucts. Ph. 755-4317
Miller & Chronister, Clerks

PUBLIC AUCTION AT GOODS AUCTION
111 N. Maple Ave.
Leola, Pa. 17540
Hay - Straw - Corn
Every Wed. at 12:00 Noon

Farm Machinery First and Third Wed. of Each Month. Starting at 9:00 AM on Tools and Hardware. 12:00 Lawn and Garden Equipment 1:00 on Farm Machinery

NOTICE

Nothing unloaded day of sale except machinery and large equipt. All small items must be brought in and sold off the trucks.

No Out of State Checks
Selling with 5 Auctioneers

Good's Auction

LIQUIDATION AUCTION
WEDNESDAY, JUNE 29
at 10:00 a.m.

Located: 806 E. Main Street, Norristown, Pa.

LUMBER & WOODWORKING MACHINERY

MACHINERY: Power Matic 6 Ft. Standing Drill Press (Model 1150) Power Matic Sander 6" Belt-12" Disc (Model 30A), Power Matic Scroll Saw with variable speeds (Model 95), Power Matic 16" Planer with 5 HP 3 Phase motor (Model 180), Power Matic 6" Joiner 10 HP 3 Phase motor, Rockwell 16" Table saw, Craftsman Bench model drill press, heavy duty bench grinder, 12 foot portable lift (Model 512).

APPROXIMATELY 10,000 BOARD FOOT OF SEASONED LUMBER: with approx. 6,000 ft. walnut, 500 ft. White Oak, 500 Ft. Red Oak, 750 Ft. Poplar, 550 Ft. Cherry in thicknesses 1" to 3".

Many free form table slabs, red wood burl, walnut burl in 2' to 5' diameter, 1-8x9 root Burl slab.

TERMS & INSPECTION: Payment in full-completion of sale. Immediate pick up at conclusion. Inspection June 28, 10:00 to 4:00 P.M.

Woodworkers, Don't Miss This Sale!

489-7127 948-4150
HESS & MOYER
AUCTIONEERS
115 HESS ROAD • COLLEGEVILLE, PA 19426

PUBLIC SALE
OF ANTIQUES, HOUSEHOLD GOODS & OLD TOOLS
SATURDAY, JULY 2, 1983
at 10:00 A.M.

Sale to be held in Al Starr Community Building, Village of Willow Street, PA. (Loc. South of Lancaster along Northbound Rt. 272 behind new fire hall).

Furniture in: Oak, Walnut, Mahg., Wicker, Pl. Bot., Empire, Wooden, Maple, Uph., Chrome. Maytag wr. wash., Maytag auto. dryer, twin tubs, Atwater Kent radio, flat trunk, Sylvania & R.C.A. color. fl. model T.Vs., table & floor lights, elec. fans, lg. & sm. crocks, jugs. Items in: Brass, Agate, Tin, Iron, Hubley Iron, Wooden, Brass. Wire top jars, kids' cap guns, games & marbles, old picture of movie stars, Old T.V. Guides, pr. of carriage lamps, fine Angle oil lamp; dolls; peanut butter glasses. Glassware & china in: Pr. Gl., Dark & Orange Carnival, Japan, Blue, Pink, Green & Yellow dep., Custer candy dish, Ranger Joe bowls & mgs, Roseville, Japanese china, Cornet china, other misc. glassware & china not listed; pots & pans, sm. elec. appl., bedding, linens & towels, Kerosene stove & heater, picnic table & benches, 5 H.P. riding mower, ½" drill w/press, wooden step ladder; TOOLS misc. nuts, & hardware, rolls of wire, rope, other misc. articles not listed.

NO OUT OF STATE CHECKS ACCEPTED.
Food served.

Sale by
MRS. MARTHA HERR & ELI E. HARNISH
Howard Shaub, 464-3541
and Roy C. Probst,
Auctioneers

PUBLIC AUCTION
WILLOW HILL POULTRY FARMS & HATCHERY SECOND ANNUAL BREEDER DISPERSAL SALE
SATURDAY, JULY 2, 1983
10:00 A.M.

To be held near Grimes Airport approx. 2 miles northeast of Bethel, Berks Co. Just off I-78 (near Schubert. Airport Road Intersection)

We will be offering a large variety of yearling show stock standard bred large fowl, Bantams, ducks, geese, Guineas & turkeys, as well as some game birds, pheasants & some commercial ducks & geese. Many from the bloodlines of the late Henry K. Miller. Birds may be seen from 7:30 A.M. until sale time.

Sale to be held under tent.
Not responsible for any accidents, theft or damage.

Refreshments Available

Conditions by
WILLOW HILL POULTRY FARMS & HATCHERY
717-933-4606
Sale Time 10 A.M.
Auct. G. Harvey Weik
717-949-3126

TWO DAY PUBLIC SALE
OF FINE ANTIQUES, HOUSEHOLD GOODS, CROCKS, QUILTS, IRON, TIN, BRASS ARTICLES, HAND & GARDEN TOOLS
FRIDAY, JULY 8 at 10:00
also
SAT. JULY 9 at 10:00

Loc. along Fairview Church Road, R.D. #2 New Providence, Lanc. Co., PA. (Dir: from Lanc., PA., take #222 about 12 miles South of Lanc. to Smith Beer Dists.; at R.R. arch, turn right on to Fairview Church Road and go 1 mile to sale; or just North of Quarryville, PA.)

FRIDAY, JULY 8 at 10:00

Start on china, iron, tin, wooden articles, crocks, misc. hsld. goods.

SAT., JULY 9 at 10:00

Antique fur. at 1:00 P.M., china, brass, tin, iron, tools, quilts, etc. **FURNITURE:** FINE WALNUT (Victorian): marble top dresser, high bed, love seat & side chair, hall rack, bookcase, coaches; Walnut marble top sideboard w/carved lions' heads, bookcase w/3 doors & 6 drawers base, jelly cupboard, hat rack, cane rocker, cupboard top, dough tray w/legs, spool wash stand, tool chest, ect.; OAK: 3 pc. bedroom suit, arm chair w/lions' heads, high chair, wash stand, child's rocker, clothes trees, sq. tables, cane rockers & chairs, mirrors, etc.; Curly Maple sewing stand, Empire chest of drawers; PLANK BOTTOM: high chair, chairs & stool; Ansonian & Gilbert mantel clocks, violin; MAHG.: record cab., sewing stand, smoking stand, etc.; meat bench, cedar wardrobe, iron & brass crib, Medal iron parlor stove w/brass top, iron chunk stove, oval trunk, etc.

Picture Frames & Pictures: Shirley Temple, fox hunt, old mill, 1919 Mt. Gretna soldiers & cars, etc.; old patch quilts & comforts; Bibles 1881 & 1882, books, postcards, blue dec. crocks & jugs, crocks, stoneware jugs, red clay crocks, spittoon, salt crocks, slipware; baskets; IRON HUBLEY: Bull dogs, bird, hound dog bank & cap guns; items in Brass, Iron, Copper, Iron (Banks), Wooden, Agate, Tin.

Dolls, Aladdin oil lamp, lg. sponge spatter pitcher, amber jug. Glassware & china in: German (choc. pot, etc.), Pressed, 2 blue Shirley Temple creamers, Green & Pink Dep., Ironstone, Orange Carnival, Dec. Ironstone, Milk Glass, Dark Pur., Japan, Mach. Etched, other very good glassware & china not listed.

Elec. table saw, mowers, hyd. jack, tools, other misc. articles not listed.

NO OUT OF STATE CHECKS ACCEPTED.
Food served.

Sale by
MRS. CHIRSITAN J. GOOD
(Maggie Good)
HOWARD SHAUB, 464-3541
and Roy C. Probst,
Auctioneers

Public Auction Register

PUBLIC AUCTION AT RUDNICK'S SALES BARN

Route 213, Galena, MD

FURNITURE & ANTIQUES FROM 4 HOMES & LOCAL ESTATES

SATURDAY, JULY 2, 1983

At 10:30 A.M.

Antiques & furnishings to include oak roll top desk, jelly cupboard, Victorian reed organ, marble top washstand, Victorian lamp table, Duncan Phyfe mahogany dining table, 6 Hepplewhite dining chairs w/slip seats & shield backs, Chippendale style server w/slide, cherry king size bed, night stands, triple dresser, chest on chest, lady's slanttop desk, small Bombay chest, candle stands, Sheraton foot stools, cut glass bowls, bottles, compotes, cut crystal cruet with matching bottles, Sterling and silver plate serving pieces, muffin stand, color T.V., oak rocker, some Limoges and Wedgwood plates, gilt framed mirrors, lots of wrought iron porch furniture, white bedroom set, twin brass beds, wrought iron hall table with marble top, wrought iron framed mirrors, pair large Bisque figure lamps, dining room set with 8 chairs, drop leaf tables, meat block, sofas, chairs, framed prints, books, glass top tables and chairs, love seats, deacon's bench, kitchen ware, and much, much more, too numerous to mention... Also 10 Oriental rugs.

Victorian love seat & sofa, walnut 3 drawer chest w/carved pulls, walnut washstand, pine double drop leaf table, pine chairs, Sheraton 2 drawer stand, spool leg double drop leaf table, Empire 4 drawer chest, windsor rocker, mahognay & walnut framed mirror, marble top Victorian coffee table, etc...

Harry Rudnick & Sons, Inc.
Sales Managers & Auctioneers
301-648-5601

PUBLIC SALE

OF GUNS, ANTIQUES, COLLECTIBLES AND HOUSEHOLD GOODS

Smokestown Fire Co.

SATURDAY, JULY 2, 1983

At 9:00 A.M.

GUNS AT NOON

Sale to be held at Smokestown Fire Hall located 2 miles east of Denver along Smokestown Rd., Lanc. Co., Pa.

DIRECTIONS: Rt. 272 turn west onto 897 to Smokestown Rd. (Follow pointer signs).

Oak Bowed Side China Closet (claw feet); Oak Bowed Side & Front China Closet; Oak Sideboard; Miniature Jelly Cupboard; Arch Back Trunks; Clothes Tree; Iron Kettles; Pig Troughs; Pendulum Wall Clock; mantel Clocks.

5 BRACKET LIGHTS

LARGE COLLECTION OF KEROSENE LAMPS
LARGE AVON COLLECTION
LARGE SALT & PEPPER COLLECTION
LARGE TOY COLLECTION

Cast Iron, Tin, Mechanical and other Toys.

LIONEL 402 (Lg. ga.) TRAIN

With Passenger Cars — Beer Trays; Beer Signs; Armetale Items - 78 Records; Old Books.

Clear Depression, service for 8, 1972 & 1973 Hummel Plates; Carnival Bowl; Earthen Pie Plates; Jugs.

GUNS

Civil War U.S. Springfield (1859) Rifle (with Bayonette); Winchester 30-30 Rifle (1894); German Mauser 7MM Rifle; 30 Ca. Army Rifle; 20 ga. Harrington-Richardson Model 121 Shotgun; Japanese 303 Army Rifle; 16 ga. Ranger Double Barrel Shotgun; Springfield Model 37B-410 Shotgun; Savage 22 High Power Rifle with Scope.

2 h.p. Domestic Water Cooled engine (working condition — Shippensburg, Pa.); 40 h.p. Johnson Outboard Engine with controls.

12 h.p. JACOBSEN RIDING TRACTOR

With Mower Deck 2 Chain Saws, Kerosene Lanterns.

Terms by:

CARRIE (DOLLY) SPECHT

T. Glenn Horst, Auct. - 859-1331
Timothy G. Horst, Auct. - 738-1235

FARMERSVILLE AUCTION

TUESDAY, JUNE 28, 1983

5:30 P.M.

In Farmersville 3 mi. east of Brownstown, Lanc. Co., Pa.

GROCERY SALE

WE SELL ON COMMISSION

Call JOHN J. RUTT
354-5095

Consignments being accepted for our July 4 Antique Sale!

CANDLE & NOVELTY BUSINESS OF FRITZ HEUSER

PUBLIC SALE

OF CANDLE MAKING AND NOVELTY ITEMS

TUES. EVE., JUNE 28, 1983

At 5:30 P.M.

Located along North Muddy Creek Road (Directions: Rt. 272 North of Zinn's Diner turn 1st road north), East Cocalico Township, Pa.

PUNCH PRESS with motor & dies; 1968 PLYMOUTH SEDAN 4 DR., Grandmother's Clock; Clock Parts and Faces; Large & Small Model STEAM ENGINES; Model Steam Engine Accessories; Novelty Items; Toy Piano; Christmas Stars & Wreaths; Plastic Flowers; 4 SPINNING WHEELS (new); Children's Print Sets; 4 Small Cuckoo Clocks; Typewriter; Radios; MANY CANDLES (red, white, etc.); Candle Stands; Brass and Wood Candleholders; Candelabras; Kaleidoscopes; Wind Mobiles.

Kerosene Lamps; Pocket and Wrist Radios; Viewer; many Large and Small Gift Boxes; Plastic Boxes; Masking Tape; Room Fountains; Knives & Forks; Zither Box; 500 lbs. Nickel Plated Rods; many Steel Rods and other misc. items to be sold.

Terms By

AMOS B. HOOVER

T. Glenn Horst, Auct. — 859-1331
Timothy G. Horst, Auct. — 738-1245

PUBLIC SALE

OF REAL ESTATE

(Ranch house, 2 double cement block mushroom houses with a total of 4.845 acres of land)

WEDNESDAY, JULY 13, 1983

At 7:00 P.M.

Loc. at 902 Harts Road, R.D. #2, Oxford, PA, Little Britain Twp., Lanc. Co., PA. (Dir: from Little Britain,take #272 South about 3 miles, turn left on to Pine Grove Road, to Harts Road, turn left to sale).

Real Estate to be offered for sale as Purpart #1 first, Purpart #2 second, Purpart #3 third.

Purpart #1 - Ranch house, cement block w/stucco w/2-car garage. House contains; kitchen, 3 bedrooms, living room, full bath, fully cemented basement, 2-car garage. Lot size: 101' frontage by 499' depth, by 232' across rear. Total land - 1.836 acres.

Purpart #2 - 2 double (about 80' by 168') cement block mushroom houses w/2 packing rooms, cement loading area, lg. cement turning area; also, 1½ story 30' by 22' cement block equip. bldg. Lot size: 232' frontage by 400' depth by 363' across rear. Total land - 3.008 acres.

Purpart #3 - both Ranch home & Mushroom Houses all together with a total of 4.845 acres of land.

Property will be open for inspection Sat's: July 2 & 9 from 10:00 until 12:00 Noon, or call (717) 529-2665.

Sale by

MR. & MRS. MELVIN G. McDOWELL, JR.

Kenneth R. Kovelens, Attorney
HOWARD SHAUB, 464-3541
Auctioneer

THURS. JULY 7 - Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

THURS. JULY 7 - 6 PM Public Auction of Lumber Located in Union Co., PA, Buffalo Valley, approx 60 mi north of Harrisburg, PA from Mifflinburg, take 45 west 7½ mi to Stage Coach Stop on left, turn left ¼ mi. to Elmwood Farms on right Peachy Lumber Co. and Elmwood Farms, Owners. J. Omar Landis Auction Service

SAT JULY 9 - Benefit Auction. Located at 1050 E. Newport Rd., Lititz, PA 17543. Lititz Area Mennonite School John E and Paul E Martin, Auctioneers.

FRI. AND SAT JULY 8 and 9 - 10 AM Public Auction of Antiques, Household Goods, Crocks, Quilts, Iron, Tin, Brass Articles and Hand and Garden Tools Located along Fairview Church Rd, R.D 2, New Providence, Lanc Co., PA, from Lancaster, PA, take #222 about 12 mi. south of Lanc to Smith Beer Dist, at R.R. arch, turn right onto Fairview Church Rd and go 1 mi. to sale or just north of Quarryville, PA. Mrs Christian J. Good, Owner. Howard Shaub and Roy Probst, Auctioneers.

SAT. JULY 9 - 9 AM Public Auction of Real Estate, Store Building, Store Fixtures, Equipment and Groceries. Located on the premises in Cross Roads Boro, York Co., PA, along the road to Felton. Pete and Mary Schultz, Owners. Robert L Sechrist, Auctioneer

SAT. JULY 9 - 9 AM Public Auction of Real Estate and Personal Property Located at 12544 Orchard Circle, Mercersburg, Franklin Co., PA. J Robert Meyers, Auctioneer

WED. JULY 13 - 7 PM Public Auction of Real Estate. Located at 902 Harris Rd., RD 2 Oxford, PA, Little Britain Twp., Lanc. Co., PA, from Little Britian, take #272 South about 3 mi. turn left onto Pine Grove Rd., to Harts Rd., turn left to sale. Mr. and Mrs. Melvin G. McDowell, Jr., Owners. Howard Shaub, Auctioneers.

THURS. JULY 14 - 10 AM Public Auction of Excation and Asphalt Paving Equipment. Located at R.L. Rosendale, Inc. shop and yard facility on Porter Rd. in Lower Pottsgrove Twp., Pottstown, PA. Vilsmeier Auction Co., Inc.

FRI JULY 15 - 5:30 PM Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

AUCTION SALE

LOG CONSTRUCTED REAL ESTATE

FARM EQUIPMENT, ANTIQUES, ALASKAN ITEMS, FURS, BUTCHER EQUIPMENT, GUNS & FURNISHINGS

Rainbow Auctions
Paul & Hop Sell Again

SATURDAY, JULY 16, 1983

Sale Time 10:00 A.M.

Inspection of Real Estate: Sat., July 2nd 2-4 P.M.

LITTLE COWBOY RANGE

32+ ACRES
8 TILLABLE + 2 PASTURE
BALANCE WOODED

2 EXCELLENT WELLS
EACH 35 GPM
SPRINGS

MASTERFUL DESIGN & CONSTRUCTION

Location: Vera Cruz Rd., Reinholds R.D. 2 Lancaster Co., Penna. 10 Mi. SW of Reading, 15 Mi. NE of Lancaster, PA., 50 Mi. WNW of Phila. Direction: Take Route 272 North from Ephrata, Pa. 6 miles, turn left onto 897 continue 2 miles turn right onto Vera Cruz Rd. proceed one mile. Park off roadway, walk in gravel drive on right onto farm (homestead) grounds.

Packed onto our secluded estate we've erected our

24' x 35' 1½ STORY LOG HOME

w/attached 18 x 20 bedroom, covered breezeway reaching a 16 x 20 summer kitchen. Built of 8 x 12 Red Fir 2" T & G roof supported by 18-24" ceiling joists poplar logs. Home approx. 80% complete, setting on full basement. Seller will consider assisting buyer to completion which then we feel would be the Most Distinctively Authentic Property this side of Alaska.

FARM BLDGS. include 24' x 30' bank barn, sandstone foundation with log construction. Cement barnyard (a sparkling partner to the home.) Also log 16 x 24 butcher shop with 10' x 12' walk-in refrigerator. Log 8' x 8' detached smokehouse, greenhouse, etc. All these combined equals truely a unique homestead.

Inquire now with Rainbow Real Estate Auctions, for real estate details.

FARM EQUIPMENT

John Deere Baler; New Idea P.T.O. Manure Spreader; 4' Brush Hog; Old Grain Drill; Hay Wagon; John Deere 30 P.T.O. Combine; 3 Pt. Cultivator; Lime Spreader; Sickle Bar; Plow & Sickle Bar for Cub; P.T.O. Bucksaw, like new; STEAM ENGINE 65 H.P.; 32 TUBE STEAM BOILER; Truck 1967 Chevy Tandem Interlocking Axle, 361 Good Engine; Gas High Pressure Port. Water Pump; Carpenter Tools; Chain Saw; Lawn Mower; Various Sizes Pipe & More.

Bengal Kitchen Wood Range; Oak Telephone; Wagon Wheels; Lg. & Small Copper Kettles; Wash Boiler; Wood Kraut Bucket; Brass Bucket & Rattail Dipper; Iron Kettles & Tripod; Bake Oven Door; Various Crockery; OAK ICE BOX; Oak Kitchen Cabinet; Oak Wash Stand; Oak Schoolhouse Clock; 6 Lyre Back Decorated Chairs; Matching Decorated Rocker; Two Broad Axes; Adzes; 3" Slick; Cider Press (needs repair); Oak Chest; Oak Highboy; Three Coal Oil Hanging Lights; Brass Bed; Fireplace Kettle Hanger; Cherry Seeders; Poppy Seed Grinder; Rolling Pins; Fry Pans; 15 Cu. Ft. Upright Freezer; (Home) Elec. Heat Pump (used 2 years); Wringer Washer; Double Tubs; 5 String Banjo; Air Conditioner; Brass Hammer, etc.

Furs — Wolves, Foxes, Wolverine, Lynx; Moosehorns; King Crab; Mukluks; Jade Clock; Ivory — Vsik; Yo Yo; Gold Poins; Eskimo Dolls; Wolf Mittens; Alaska Pipeline Maps; Deer & Steer Skins; Goat Hides; Diamond Willow Wood (Furniture & Lamp Wood).

16" Butcherboy Meat Saw; 50 lb. Sausage Stuffer; Bologna Slicer; Butcher Furnace; Elec. Meat Grinder; S.S. Steak Cuber, like new; Scale; Meat Hooks; Hog Scrapers; Scrapple Pans; Large Ladle; Barrel Stove and more.

30-06 Remmington Model 760; 22 Cal. Bolt Action Rifle; 12 Gauge Double Shotgun; 12 GUN WALNUT CABINET.

Order of Auction 10:00 Furnishings; 12:00 Alaskan Items; 2:00 Real Estate; 2:30 Guns. Announcements made and posted at auction take precedence over all printed matter.

EVERYONE! STOP! Clip this ad & schedule your time to be here with us. These well kept quality items which have been selectively gathered far and near now go under our gavel.

Owners

WILLIAM & HELENE SHOWALTER

RAINBOW REAL ESTATE AUCTIONS
APPRAISERS & LIQUIDATERS
PAUL LANDIS — HOP USNER
EPHRATA, R.D.4 17522
717-354-8453

Food Available To Purchase

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

FRI JULY 15 - 6 30 PM Consignment Sale of Feeder Pigs and Feeder Cattle Held at Keister's Middleburg Auction Sales Inc., Rt 522, 3 mi. east of Middleburg, 5 mi west of Selinsgrove, PA

SAT., JULY 16 - Public Auction of Real Estate, Personal Property and Coins. Located along Yellow Hill Rd, south of Bowmansville Anna Mary Fritz Estate Randal V Kline, Lloyd Kreider, and Roy Good, Jr, Auctioneers

SAT JULY 16 9 30 AM Public Auction of Construction Equipment, Line Equipment and Vehicles Located at PP&L's facility at Union Blvd. and Plymouth St, Allentown, PA Vilsmeier Auction Co, Inc

SAT JULY 16 - 9 30 AM Public Auction of Gasoline Engines, Antiques and Personal Property Located at corner of Country Club Rd and Pleasant Ave, Red Lion, PA, York Co Leroy J Shoff Estate Jacob A Gilbert, Auctioneer

TUES JULY 19 - 5.30 PM Public Auction of Antiques and Household Goods Located at 90 Spruce St, Ephrata, PA. Jacob H Getz, Owner T Glenn and Timothy G Horst, Auctioneers

THURS JULY 21 - Monthly Cow Sale at Mel Kolb, Inc, Maryland Farm, Woodsboro, MD

THURS. JULY 21 - 7 PM Public Auction of Real Estate and Woodland Located along Cocalico Rd, approx ½ mi north of Schoeneck, between Schoeneck and Cocalico, West Cocalico Twp, Lanc Co, PA Wilbur and Minerva Lesher, Owners T Glenn and Timothy G Horst, Auctioneers

THURS. JULY 21 - 12.30 PM Public Auction of Cattle. Located 3 mi. northwest of Oxford, PA W. Frank and Jettie Mills, Owners. Steve Petersheim, Auctioneer

FRI JULY 22 - 7 PM Public Auction of Cattle Located at Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer

FRI JULY 22 - 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

SAT JULY 23 - 9 AM Public Auction of New and Used Metal and Wood Working Machinery, Tools, Hardware and Etc Located at Rt 322, Blue Ball. Blue Ball Machine Works, Owner Sylvan Witmer, Auctioneer

SAT. JULY 23 - 9 30 AM Public Auction of Const Equip., Line Equip and Vehicles. Located adjacent to the Niagra Mohawk garage facility on Success Dr. in Rome, NY Vilsmeier Auction Co., Inc

SAT JULY 23 - 9 AM Public Auction of Real Estate, Farm Machinery, Households and Antiques. Located on Rt. 183, 1 mi south of Rt. 183 and Rt 443 Intersection, RD 3 Sch Haven, Wayne Twp, Schuylkill Co, PA Frances M Luckenbill, Owner Jay Riegel, Auctioneer

SAT JULY 23 - 10 AM Public Auction of Shop Tools and Equipment Located in the village of Mandata, 12 miles south of Sunbury, turn east off Rt. 225 at General Store and Hotel, take Mandata to Urban Rd. Mr and Mrs Lloyd Smeltz, Owners. George and Mike Deibert, Auctioneers

THURS. JULY 28 - 8.30 AM Public Auction of Electrical Items, Lab Equip and Material. Located within the NL Industry plant, just off Rt. 9 in Sayreville, NJ Vilsmeier Auction Co, Inc

FRI JULY 29 - 7 PM Public Auction of Swine Located at the Lebanon Area Fairgrounds, Cornwall and Evergreen Rds, 1½ mi south of Lebanon, PA PA Duroc and PA Yorkshire Assn's Harry Bachman, Auctioneer

FRI JULY 29 - 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT JULY 30 - 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc, Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

AUGUST

THURS. AUG. 4 - Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

FRI AUG. 5 - 5.30 PM Gap Auction. Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

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2 PARCELS COUNTRY REAL ESTATE
PUBLIC SALE

Located in Central Juniata Co.

#1 33 total A., 6 A. cleared, 27 A. ridge land; frame house & machine shed & road frontage.

#2 30 A. ridge land & road frontage.

For info. contact Aucts.
LONG BROS., AUCTS.
R.D. 1, Port Royal, PA. 17082
Ph. 717-527-4458

LUMBER AUCTION
THURSDAY, JULY 7, 1983
6:00 P.M.

"Everything Sells To The Highest Bidder Regardless of Price"

Located in Union County, Pa. (Buffalo Valley) Approx. 60 Miles North of Harrisburg, Pa. from Mifflinburg Take 45 West 7½ Miles to Stage Coach Stop on Left, Turn Left ¼ Mile to Elmwood Farms on Right.

We Are Offering For Sale
An Outstanding Stock of
Hardwoods & Softwoods
Kiln-Dryed, Graded, Air-Dryed
Approx. 12,000 to 14,000 bd. ft.

Red Oak 4/4	Walnut 4/4
White Oak 4/4	Cherry 4/4
Poplar 4/4 & 8/4	Sassafras 4/4
White Pine 4/4	Maple 4/4

Partial Listing Only

TERMS: Cash or Approved Check, Must Furnish ID

Sale by Order of:

PEACHY LUMBER CO.	ELMWOOD FARMS
R.D. 1 Box 119	P.O. Box 178
Mifflintown, Pa. 17059	Laurelton, Pa. 17835
	717-922-1300

NOT RESPONSIBLE FOR ACCIDENTS
AUCTIONEER: Jay Witman

J. Omar Landis Auction Service
Jay M. Witman
Box 501
Apple & Robert Streets
Ephrata, PA 17522
717-627-0789 / 717-665-5735

REAL ESTATE AUCTION
15.1 A. M/L FARM w/STREAM
TRACTOR-FARM MACH.-BUTCHER EQUIP.-PLAYER PIANO-HOUSEHOLDS-ANTIQUES-GUNS
SATURDAY, JULY 23, 1983
AT 9 A.M.

Located on Rt. 183, 1 mi. S. of Rt. 183 and Rt. 443 Intersection, R.D.3 Sch. Haven, Wayne Twp., Schuylkill Co., PA.

REAL ESTATE - At 12 Noon, 15 A., 9 room, 2 story frame home, barn, 2 car garage, outbuildings, stream, nice secluded setting.

INSPECTION - Sunday June 26, 2-5 P.M. or by appointment. 10% down, bal. upon settlement.

TERMS: Cash or Approved Check
Lunch Available
Not Responsible for Accidents

Sale Ordered By
FRANCES M. LUCKENBILL, APP.
Jay Riegel Jr, Auctioneer
717-739-4718
Raymond Stump Auct.
717-647-2740

SPECIAL HOLSTEIN DAIRY SALE
TUESDAY, JUNE 28, 1983
8:00 P.M. DST

To be held at Smoketown Quality Dairy Sales Co. Smoketown, PA. Rt. 340 5 mi. E. of Lanc. 5 mi. W. of Intercourse.

One load of Reg. & Grade Cows & Heifers out of New Engiand States and Canada. Consigned by Johnny Jr.

I.D. Grade - open yearling heifer. - Sire-Kingway Elevation Very.
DAM - 2 yrs. 3m. 288d. 14,133m. 481F.
3 yrs. 2m. 305d 18,531m. 3.5t 640F.
4 yr. 3m. 286d 16,538m. 3.6t 599F.
5 yr. 2m. 305d. 20,636m. 3.4t 696F.
6 yr. 4m. projected - 305d. 21,719m. 702F.

I.D. Grade - open yearling heifer - Sire - Double Ned Harveycrest Walkway.
DAM - Ivanhoe Star records:
2yr. 2m. 305d. 13,076m. 4.3t 560F.
3 yr. 4m. 305d. 19,036m 4.0t 759F.
4 yr. 6m. 215d. 15,750m. 4.3t 679F. (incomplete)
projected 305d. 19,589m. 843F.

I.D. Grade - open yearling - Sire Lawcrest
DAM - Marvex records:
2yr. 11m. 287d. 17,183m. 3.5t 599F.
3 yr. 10m. 365d. 25,461m. 840F.
5 yr. 0m. 164d. 15,249m. 3.8t 579F. (incomplete)
projected 305d. 23,904m. 853F.

Farmer is selling I.D. heifers and going to all Registered stock.
(2) Reg. 3 yr. old Astros Miners dtrs., just fresh milking, 65 lbs. each.
Grade - Ivanhoe Star Daugh. - Bred to Groffdale Senator Elmer.
Due July - 316d. 22,720m. 720F.
Grade cow due Aug. 292d. 15,142m. 533F.
Grade cow selling - over 14,000m.

Two Reg. Holstein Bulls.
Born - 12-8-82 - E.T. son of Char-Sam Elevation Pabst.
Born - 3-7-83 - Sire Char. Sam Elevation Pabst.
Dam of Both - Ex 90 - Excellent Mammary
5yr. 2m. 365d. 23,994m. 979F. 4.1t.
Granddam - Ex 92 2E Gold Medal Dam Excellent Mammary
13 yr. 6m. 365d. 25,871m. 1074F. 4.2t - over 239,000m. lifetime. All made after 4 yrs. old.
Maternal sister to Dam. Ex 92. 4E. Gold Medal Dam, Excellent Mammary 5-3 365d. 29,338m. 4.1t 1195F.
Full sister to Dam - V.G.88 over 30,000m. 1100F.
Maternal sisters - V.G.87 - 4 yr. Excellent Mammary
V.G.85 - 3 yr. Very Good Mammary.

Cows milked at regular time.
Cash - Good check night of sale.

Sale Managed by
SMOKETOWN QUALITY DAIRY SALES CO.
Gordon & Helen Fritz
717-393-0930
Carl Diller - Paul Snyder Auct.
Henry Kettering - Pedigrees
Lunch Wagon by Sublettes

AUCTION
40,000 BUS., + -, COMPLETE GRAIN DRYING & STORAGE FACILITIES
TUESDAY, JUNE 28, 1983
At 12 Noon

LOCATION: Devilridge Farm along Rt. 713, at Rectortown, VA, approx. 10 mi. NW of Marshall, VA, via Rt. 710, and approx., 15 mi. SW of Middleburg, Va via Rt. 173.

NOTICE: Ralph Farrace, owner, no longer having use of these late model facilities will offer for sale:

(3) Butler circular bins w/cooling fans, ladders, bottom unloaders & bin sweep; (2) 36'6" top loading augers & motors; Circlo 1500 bus. holding tank & auger w/500 bus. Model 570 PTO Gilmore Tage Tax-O-Wik gas fired grain dryer, SN 10981, grain cleaning unit; 70 ft. Snowco Model 8006 PTO 8" transport auger, SN 687799; 60 ft. Grain Chief Model B PTO 8" transport auger, SN 74341; 40 ft. New Idea #188 (8") transport auger, SN 42923, with Reliance 5 HP elec. motor, SN C21G1C5A

TERMS: Equipment msut be removed within 30 days from date of sale. Everything sells "as is, where is" with no express or implied warranties. Cash or guaranteed funds on day of sale. For inspection & details, contact the Auction Co.

Trout Auctioneers, Inc.

15 North Court Street
Frederick, Maryland
301/663-1555
"Please Clip This Ad - It'll Appear Once Only"

INVENTORY REDUCTION
PUBLIC AUCTION
SATURDAY, JULY 23, 1983
at 9:00 A.M.
NEW & USED METAL & WOOD WORKING MACHINERY, TOOLS, HARDWARE, ETC.

Located at Blue Ball Machine Works, Rt. 322, Blue Ball, Lancaster County, Pennsylvania

METAL WORKING MACHINES

Bridgeport J vert. Mill, Pratt & Whitney, Cincinnati, Hano, Atlas Hor. Milling Machines; Gray Double Side Planer, 24" Vert. Bullard; Hyd. Press, Acme stud threader w/dies, Johnson model B saw, Emerson 7" saw, Taylor Winfield spot welder, Snyder Humpback drill, American 16" x 24" Q. C. Lathe, Prentis 10" lathe, 2 - South Bend 9" x 36" lathes, Pedistal bench grinders, LaPointe #1 pull broach, Ceco 3-8 screw machine, Monarch 16" x 30" Q.C. Lathe, 2 - Hercules gear hobbers, small Turret lathe, 10" x 24" gear lathe, South Bend 9" x 24" Q.C. lathe, Pratt & Whitney 7" x 16" Jewelers Lathe, 15" bench and floor drills, Rockwell wood-metal 14" vert. saw, OBI presses, Cincinnati 16" shaper, Toledo #411C mech. pipe threader & dies, 52" 20 ga. sheet brake.

WOOD WORKING MACHINES

L. Power 16" table saw, PTC wood lathe, Sprunger 10" vert. bandsaw w/stand, Powermatic chain mortiser, Craftsman 10" vert. bandsaw, 10" table saw, 6" planer, Moto Shop scroll saw, Delta 8" table saw, Walker-Turner shaper, Duer 20" vert. bandsaw, Edison wood lathe, Dewalt 16" radial arm saw, Makita hand plane w/stand, Smith single end tenoner.

NEW MACHINES

Sprunger 12" disc sander, General 20" vert. bandsaw, Rockwell 10" table saw, Makita miter saw, Woodmaster EN-1 tool, Poitras single-end tennonner, Makita 15 5/8" planer, Sprunger 10" wood lathe, Jet ½" spindle shaper, Betenbender ¼" x 10' hyd. shears*, Hyd-Mech 13" x 18" bandsaw*, Jet 36" vert. saw w/blade welder*, Emerson 12½" cold saw*.

TOOLS & HARDWARE

Banding machine, crane scales, anvil, blacksmith vise and table, forge and blower, Smith template torch, cable and chain slings, safes, tables, gravity conveyor, bench legs, shelving die blocks, air hose, paving breaker, chipping hammers, rock drill, ½, ¾, 1" impact wrenches, 4½, 5, 7, 9" sander/grinders, grinding wheels, port. air compressors, drills, taps, reamers, bolts, nuts, turnbuckles, lathe and milling machine tooling, bearings chain hoists, trolleys, gear boxes, gear motors, elec. motors, fans, valves, pipe fittings, casters, wheels, jacks, etc. And many other items.

NOTE: Machines subject to prior sale in our daily business transactions.
*Subject to confirmation.
PA Sales Tax will be required.

Terms by:
BLUE BALL MACHINE WORKS
Auctioneers:
Sylvan B. Witmer, (717) 933-5328
Arthur Nolt, (215) 445-4289

NOTE: No out of state checks will be accepted without previous arrangements with Blue Ball Machine Works, P.O. Box 176, Blue Ball, PA 17506-0176, (717)354-4478.
Not Responsible for Accidents.
Refreshments Will Be Served.

Public Auction Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

FRI AUG 12 - 5:30 PM Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI. AUG. 12 - 9 AM Public Auction of Farm Equipment and Supplies to be held at New Holland Sales Stables, Inc., 12 miles east of Lancaster off Rt. 23 at New Holland, Pa. Abe Diffenbach, Manager.

NOTICE For Sale

Nice grade Holstein Heifer with size, type, good udder, fresh 3 weeks, TB/ Bangs tested.

Raymond I. Slaybaugh, Owner
(717) 677-8342

MID-SUMMER DAIRY SALE
FRIDAY EVENING, JULY 8, 1983
7:30 P.M. Sharp!

Selling at Kling's Sale Barn, located 15 miles North of Carlisle on route 74, 2½ miles N.E. of Landisburg, Perry Co., Pa.:

50 HEAD HOLSTEINS 50

Featuring 25 head of Registered Canadian Cows and 1st Calf Heifers - All recently fresh or very close to calving. "Personally Selected for Type & Production."

10 Holstein Grade Heifers that are all recently fresh and Milking Well.

15 Cows and 1st Calf Heifers in Different Stages of Lactation - Some bred for Fall Calving.

2 Service Age Stock Bulls - Both Registered.

Few Heifer Calves * Health Charts

V. ART KLING, Owner
R.D. #1, Box 66
Landisburg, PA
(717) 789-3883

Mark Glick, Auctioneer
Fred Naugle, Pedigrees

CUMBERLAND VALLEY JERSEY BREEDERS SALE

JULY 4, 1983
12:30 P.M.

Shippensburg Fairgrounds, S. Fayette St., Shippensburg, PA. From I-81, use Exit 9; From PA Turnpike, use Exit 15.

SELLING 39 REGISTERED JERSEYS
COWS AND BRED HEIFERS

17 head recently fresh, 13 due in July, 9 due in August.

Breeders from Pennsylvania and neighboring states are sending consignments.

Many popular, plus-proven sires represented, including Favorite Saint, PD +1775; Grarnhil Leader Sophia Samson, PD +1357; Willrich Mercury (LL), PD +1696; Brigham Vol Zev of Ogston, PD +1272; Reglis Deni Hi-Power, PD +801; Shadewell Ethan Allen, PD +1564; Generators Jeweler, PD +1653; Quicksilver Noble, PD +1215. Serive sires also include such great bulls as Milestones Generator, PD +1171; Quicksilvers Magic of Ogston, PD +1860; Milk n honey General, PD +1443.

Cows selling with actual records of 15,000 lbs. milk; dams with records of over 15,000 lbs. milk and 700 lbs. butterfat; up to 4.3% protein. Granddams have records up to 16,000 lb. milk.

Don't miss this sale! Be in Shippensburg on July 4th!

Lunch available at sale.

For catalog, call or write:
Bill and Susan Dietrich
RD #1 Box 229
Newburg, PA 17240
717-423-6758
Sale sponsored by Cumberland Valley Jersey Breeders

THURS. AUG. 18 - Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

FRI. AUG. 19 - 6 PM Public Auction of Bred Gilts and Boars. Located at the Lebanon Area Fairgrounds, Cornwall and Evergreen Rds., 1½ mi. south of Lebanon, PA. Leon and Lawrence Arnold. Mike Jones, Auctioneer.

FRI. AUG 19 - 5:30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI AUG. 19 - 6 30 PM Consignment Sale of Feeder Pigs and Feeder Cattle Held at Keister's Middleburg Auction Sales Inc., Rt. 522, 3 mi east of Middleburg, 5 mi west of Selinsgrove, PA

SAT AUG 20 - 9 AM Public Auction of Farm, Lawn and Garden Equipment and Household Goods. Located at the Leesport Auction Grounds, Rt. 61, north of Reading. Berks Co. Pomona Grange 15th Annual Community Sale 7 Auctioneers.

FRI. AUG. 26 - 7 PM Public Auction of Cattle. Located at Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer

FRI AUG. 26 - 5 30 PM Gap Auction. Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SALE EVERY TUESDAY

Graded Sale
1st Tuesday each month
2 P.M.
Horse Auction
2nd Saturday each month
1 P.M.

FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va.
703-364-1566

FRI. AUG. 26 - 7 PM Public Auction of Cattle. Located at the Lebanon Area Fairgrounds, Lebanon, PA Lebanon County Holstein Club, Sponsors Harry Bachman, Auctioneer

FRI. EVE. AUG. 26 - 7 PM New Holland Sales Stables, Inc., Annual Holstein Promotional Sale, to be held at the Sales Stables, located 12 miles east of Lancaster off Rt. 23 at New Holland, Pa For more information contact Abe Diffenbach, Manager.

SAT. AUG. 27 - 11 AM Public Auction of Horses. Located at Keister's Middleburg Auction Sales, Inc., Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA. Don and Walt Keister, Owners. Ray Long and Dave Imes, Auctioneers

WED. AUGUST 31 - 1 PM PA Classic Ayrshire Sale, Guernsey Sale Barn, Lancaster, PA, Milt Brubaker, Sale Manager.

SEPTEMBER

THURS SEPT 1 - Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

FRI SEPT. 2 - 9 AM Public Auction of Machinery Located at the Belleville Livestock Market, Belleville, PA

FRI SEPT 9 - 9 AM Public Fall Community Auction Located at Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auctioneer

FRI. SEPT 9 - 5.30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

THURS. SEPT 15 - Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

FRI. SEPT 16 - 7 PM Church of the Brethren Disaster Relief Heifer Auction. Located at the Lebanon Co. Fairgrounds. Clair Kreider, Mgr.

FRI AND SAT SEPT. 16 and 17 - 7th Annual Disaster Relief Auction and Heifer Sale Located at the Lebanon Area Fairgrounds. Church of the Brethren Atlantic Northeast Distrtict. Mark and Marty Hershey, Sale Chairman. 717-626-5067.

FRI. SEPT. 16 - 5.30 PM Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI SEPT 16 - 7 30 PM Public Auction of Registered Holstein Heifers. Located 2 mi. south of Atglen on Old Route 41, Chester Co., PA. Benefit West Fallowfield Christian School. Kurtz, Petersheim and Stoltzfus, Auctioneers

FRI SEPT. 16 - 6 30 PM. Consignment Sale of Feeder Pigs and Feeder Cattle. Held at Keister's Middleburg Auction Sales Inc., Rt. 522, 3 mi east of Middleburg, 5 mi. west of Selinsgrove, PA.

SAT. SEPT. 17 - 10 AM Public Country Auction. Located 2 mi south of Atglen on Old Rt. 41 Benefit West Fallowfield Christian School. Kurtz, Petersheim and Stoltzfus, Auctioneers

FRI SEPT 23 - 1 30 PM Public Auction of Cattle. Located at Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer

FRI SEPT 23 - 5.30 PM Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

THE WISE OLD OWL SAYS:
"IT'S TIME TO GO TO MELVIN KOLB'S AND BUY COWS."

TWO LOCATIONS TO SERVE YOU

LANCASTER, PA

Lancaster, Pa. Farm Arrivals

1 Trailer load of top milk cows from New England States.

1 Trailer Load Heifers from Maine.

WOODSBORO, MD

Woodsboro, Md. Farm Arrivals

1 Trailer Load of Springing and Fresh milk cows from New England States

1 Fancy Load 1st and 2nd calf heifers from Maine.

LANCASTER, PA. FARM
Private Sales Daily
NEXT
MONTHLY COW SALE
THURS., JULY 7, 7:30 PM

WOODSBORO, MD. FARM
Private Sales Daily
NEXT
MONTHLY COW SALE
THURS., JULY 21 7:30 PM

Lancaster Farm
717-569-2106
or 569-6800

Maryland Farm
301-898-7720
or 898-7663

SAT. SEPT. 24 - 11 AM Public Auction of Horses. Located at Keister's Middleburg Auction Sales, Inc., Rt. 555, 3 mi. east of Middleburg, PA, 5 mi west of Selinsgrove, PA. Don and Walt Keister, Owners. Ray Long and Dave Imes, Auctioneers.

FRI. SEPT. 30 - 5:30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

OCTOBER

THURS. OCT. 6 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

THURS OCT 6 - 3 PM New Holland Sale Stables 4-H Steer Sale to be held at Sales Stables, Inc, 12 miles east of Lancaster off Rt 23 at New Holland, Pa Abe Diffenbach, Manager

SAT OCT 8 - 10 AM New Holland Sales Stables Annual Fall Heifer Special to be held at Sales Stables, located 12 miles east of Lancaster off Rt 23 at New Holland, Pa Abe Diffenbach, Manager

THURS OCT. 20 - Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

FRI OCT. 21 - 7 PM Public Auction of State Grade Feeder Calf Located at Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auctioneer

FRI. OCT 21 - 6.30 PM Consignment Sale of Feeder Pigs and Feeder Cattle. Held at Keister's Middleburg Auction Sales Inc., Rt. 522, 3 mi. east of Middleburg, 5 mi west of Selinsgrove, PA

WED. OCT. 26 - 10 AM New Holland Sales Stables Annual Dairy Show and Sale to be held at Sales Stables, located 12 miles east of Lancaster off Rt 23 at New Holland, Pa. Abe Diffenbach, Manager.

AUCTIONEERS
FRANK & PAUL SNYDER
Livestock, Farm Equipment, Household Goods, Antiques
No sale too small or too large
717-859-2688
717-733-7052

AUCTIONEERS
JOHN E. MARTIN
Ephrata, Penna
717-733 3511
AND
PAUL E. MARTIN
Stevens, Penna
717-733-3305
Professional Auction Service

FRI. OCT. 28 - 1:30 PM Public Auction of Fall Dairy and Heifer. Located at Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auctioneer.

SAT. OCT. 29 - 11 AM Public Auction of Horses. Located at Keister's Middleburg Auction Sales, Inc., Rt. 555, 3 mi. east of Middleburg, PA, 5 mi. west of Selinsgrove, PA. Don and Walt Keister, Owners. Ray Long and Dave Imes, Auctioneers.

NOVEMBER

FRI. NOV. 4 - Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

FRI. NOV. 11 - 9 AM Public Auction of Farm Equipment and Supplies to be held at New Holland Sales Stables, Inc., 12 miles east of Lancaster off Rt. 23 at New Holland, Pa Abe Diffenbach, Manager

MON NOV. 12 - 3 P M Hubert Charolais Ranch Production Sale Located at the ranch, Monument, KS Managed by Garey Cattle Sales, Inc, 100 Walnut Lane, Morrisville, PA 19067

SAT NOV 12 - 1 PM Southeast District 4-H Steer and Lamb Sale to be held at New Holland Sales Stables, Inc, located 12 miles east of Lancaster off Rt 23 at New Holland, Pa Abe Diffenbach, Manager

THURS NOV 17 - Monthly Cow Sale at Mel Kolb, Inc, Maryland Farm, Woodsboro, MD

FRI NOV 18 - 6 30 PM Consignment Sale of Feeder Pigs and Feeder Cattle Held at Keister's Middleburg Auction Sales Inc, Rt 522, 3 mi. east of Middleburg, 5 mi west of Selinsgrove, PA

FRI. NOV. 25 - 1 30 PM Public Auction of Cattle Located at Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer

SAT. NOV. 26 - 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc, Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners. Ray Long and Dave Imes, Auctioneers

DECEMBER

FRI DEC 2 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

APRIL

SAT APR 21, 1984 - 18th Colonial Charolais Spring Sale Located at Frederick Fairgrounds, Frederick, MD Colonial Charolais Association Sponsors Garey Cattle Sales, Inc, 100 Walnut Lane, Morrisville, PA, Managers

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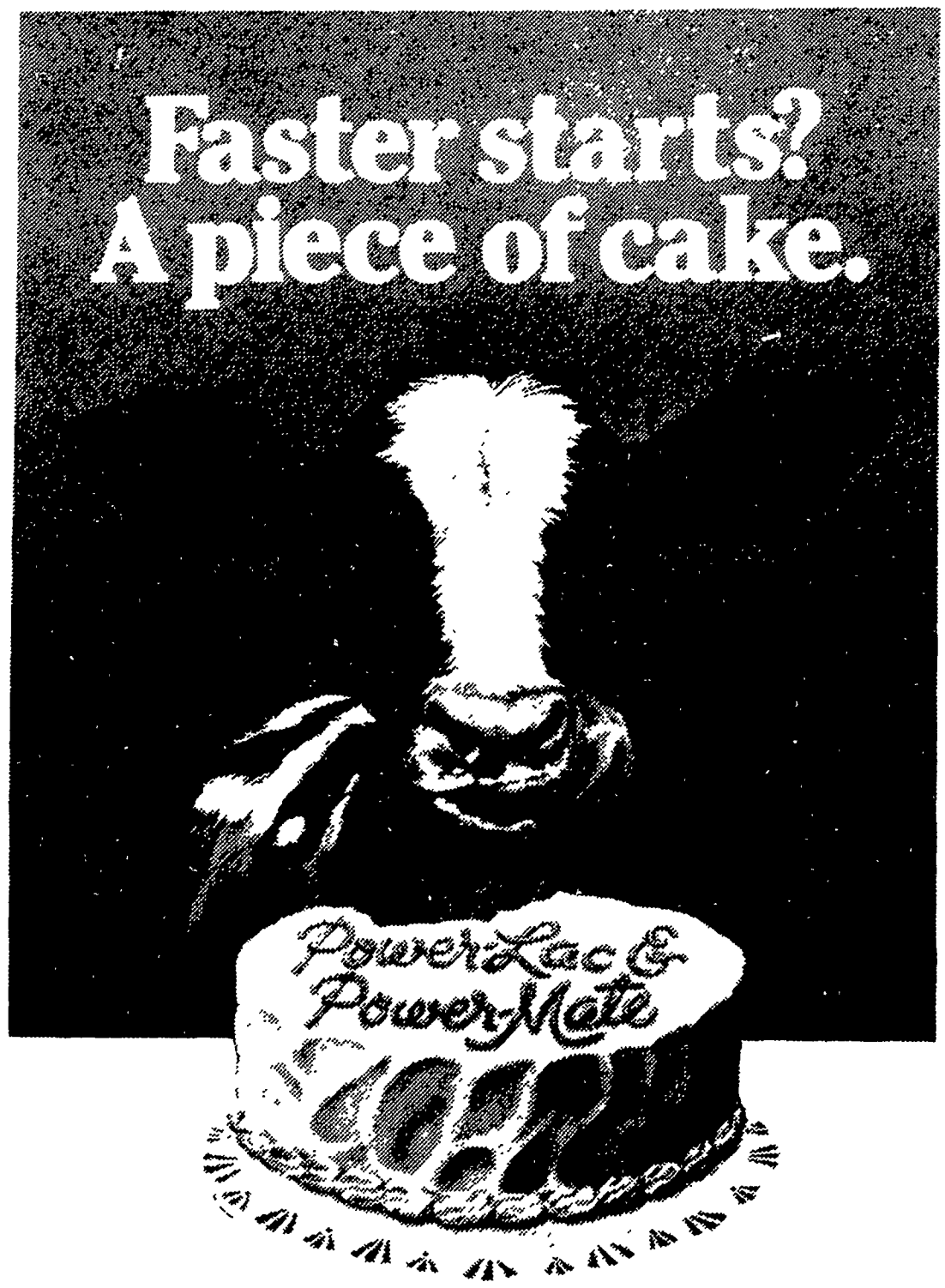

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